

**1999**  
**POCKET YEAR BOOK**  
**AUSTRALIA**

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## Preface

*Pocket Year Book Australia* is a companion publication to *Year Book Australia (1301.0)*. It provides a broad statistical picture of Australia's economic and social environment in a convenient pocket size.

Tables for this *Pocket Year Book* have been selected from *Year Book Australia 1999*. However, due to size and space constraints, time series data have been reduced.

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## Symbols and units of measurement

Yearly periods shown as, for example, 1998 refer to the year ended 31 December 1998. Those shown as, for example, 1997—98 refer to the year ended 30 June, 1998.

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

\$	dollars
°C	degrees Celsius
\$m	\$ million
\$b	\$ billion (million million)
'000	thousand
est.	estimates
GL	gigalitres
Gt	gigatonnes
ha	hectares
kg	kilograms
km	kilometres
km <sup>2</sup>	square kilometres
kt	kilotonnes
kW.h	kilowatt hours
L	litres
m <sup>2</sup>	square metres

m <sup>3</sup>	cubic metres
ML	megalitres
mL	millilitres
mm	millimetres
mtoe	million tonnes of oil equivalent
n.a.	not available
n.e.c.	not elsewhere classified
n.e.i.	not elsewhere included
n.e.s.	not elsewhere specified
n.f.d.	not further defined
no.	number
n.p.	not published
p	preliminary
p.a.	per annum
PJ	petajoules
t	tonnes
TJ	terajoules
TL	teralitres
—	nil or rounded to zero
..	not applicable
*	subject to sampling variability
	too high for most practicable purposes
%	per cent

## Abbreviations

ABS	Australian Bureau of Statistics
AIDS	Acquired Immune Deficiency Syndrome
AIHW	Australian Institute of Health and Welfare
AUSLIG	Australian Surveying and Land Information Group
GDP	Gross Domestic Product
GMT	Greenwich Mean Time
HECS	Higher Education Contribution Scheme
HIV	Human Immunodeficiency Virus
LPG	Liquefied Petroleum Gas
R&D	Research and Development

The following abbreviations are used for the titles of Australia, its States and Territories:

NSW	New South Wales
Vic.	Victoria
Qld	Queensland
WA	Western Australia
SA	South Australia
Tas.	Tasmania
NT	Northern Territory
ACT	Australian Capital Territory
Aust.	Australia

### 1.1 AREA, COASTLINE, TROPICAL AND TEMPERATE ZONES, AND STANDARD TIMES

State/Territory	Estimated area		Length of coastline(a) km	% of total area		Standard times	
	Total km <sup>2</sup>	Total area %		Tropical zone	Temperate zone	Meridian selected	Ahead of GMT(b) hours
New South Wales	800 640	10.41	2 140	..	100	150°E	10.0
Victoria	227 420	2.96	2 510	..	100	150°E	10.0
Queensland	1 730 650	22.5	13 350	54	46	150°E	10.0
South Australia	983 480	12.79	5 070	..	100	142°30' E	9.5
Western Australia	2 529 880	32.89	20 780	37	63	120°E	8.0
Tasmania	68 400	0.89	4 880	..	100	150°E	10.0
Northern Territory	1 349 130	17.54	10 950	81	19	142°30' E	9.5
Australian Capital Territory	2 360	0.03	..	..	100	150°E	10.0
Jervis Bay Territory	70	..	60	..	100	150°E	10.0
<b>Australia</b>	<b>7 692 030</b>	<b>100.00</b>	<b>59 740</b>	<b>39</b>	<b>61</b>	<b>..</b>	<b>..</b>

(a) Includes islands. (b) An hour must be added to the times in this column for States and Territories during daylight saving periods.

Source: Bureau of Meteorology and AUSLIG.

### 1.2 AREAS OF CONTINENTS

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	Area '000 km <sup>2</sup>
Continents	
Asia	44 614
Africa	30 319
North, Central America and West Indies	24 247
South America	17 834
Europe	10 600
Australia and Oceania	8 504
<b>Total land mass (excluding Antarctic continent)</b>	<b>135 774</b>

*Source: Encyclopaedia Britannica; World Book Encyclopedia.*



### 1.3 AREAS OF SELECTED COUNTRIES

Country	Area '000 km <sup>2</sup>
Countries (seven largest)	
Russia	17 073
Canada	9 976
China	9 590
United States of America	9 363
Brazil	8 512
Australia	7 692
India	3 288
Selected other countries	
Belorus	208
France	544
Germany	357
Indonesia	1 919
Japan	372
Kazakhstan	2 717
Papua New Guinea	462
New Zealand	269
Ukraine	604
United Kingdom	244

Source: *Encyclopaedia Britannica; World Book Encyclopedia; AUSLIG.*

**1.4 HIGHEST DAILY RAINFALLS(a)**

State/Territory	Millimetres	Date
New South Wales		
Dorrigo (Myrtle Street)	809	21 February 1954
Lowanna (Yalamurra)	662	22 April 1974
Victoria		
Tanybryn	375	22 March 1983
Nowa Nowa (Wairawa)	275	12 March 1906
Queensland(a)		
Beerwah (Crohamhurst)	907	3 February 1893
Finch Hatton Post Office	878	18 February 1958
South Australia		
Motpena	273	14 March 1989
Nilpena	247	14 March 1989
Western Australia		
Roebourne (Whim Creek)	747	3 April 1898
Roebuck Plains	568	6 January 1917
Tasmania		
Cullenswood	352	22 March 1974
Mathinna	337	5 April 1929
Northern Territory		
Roper Valley Station	545	15 April 1963
Angurugu (Groote Eylandt)	513	28 March 1953

(a) Bellenden Ker (Top Station) in Queensland has recorded a 24 hour total of 960 mm from 3 p.m. to 3 p.m. on 3 and 4 January 1979. The standard daily rainfall period is 9 a.m. to 9 a.m.

Source: Bureau of Meteorology.

### 1.5 EXTREME MAXIMUM TEMPERATURES

Station	°C	Date
New South Wales		
Bourke	52.8	17 January 1877
Victoria		
Mildura	50.8	6 January 1906
Queensland		
Cloncurry	53.1	16 January 1889
South Australia		
Oodnadatta	50.7	2 January 1960
Western Australia		
Mardie	50.5	20 February 1998
Tasmania		
Bushy Park	40.8	26 December 1945
Hobart	40.8	4 January 1976
Northern Territory		
Finke	48.3	2 January 1960
Australian Capital Territory		
Canberra (Acton)	42.8	11 January 1939

*Source: Bureau of Meteorology.*

**1.6 EXTREME MINIMUM TEMPERATURES**

Station	°C	Date
New South Wales		
Charlotte Pass	-23.0	18 June 1994
Victoria		
Mount Hotham	-12.8	30 July 1931
Queensland		
Stanthorpe	-11.0	4 July 1895
South Australia		
Yongala	-8.2	20 July 1976
Western Australia		
Booylgoo Springs	-6.7	12 July 1969
Tasmania		
Shannon	-13.0	30 June 1983
Butlers Gorge	-13.0	30 June 1983
Tarraleah	-13.0	30 June 1983
Northern Territory		
Alice Springs	-7.5	12 July 1976
Australian Capital Territory		
Gudgenby	-14.6	11 July 1971

*Source: Bureau of Meteorology.*

## 2.1 STATE OF THE PARTIES, Commonwealth Parliament—3 October 1998

	Number.
House of Representatives	
Australian Labor Party	67
Liberal Party	64
National Party	16
Independent	1
Senate	
Australian Labor Party	28
Liberal Party	31
Australian Democrats	7
National Party	5
Country Liberal Party	1
The Greens	2
Independent	2

Source: *Department of the Parliamentary Library.*

**2.2 REPRESENTATION ENTITLEMENTS, States and Territories**

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State/Territory	1991 no.	1994 no.	1997 no.
New South Wales	50	50	50
Victoria	38	37	37
Queensland	25	26	27
South Australia	12	12	12
Western Australia	14	14	14
Tasmania	5	5	5
Northern Territory	1	1	1
Australian Capital Territory	2	3	2
<b>Total Parliament</b>	<b>147</b>	<b>148</b>	<b>148</b>

*Source: Department of the Parliamentary Library.*

### 2.3 COMMONWEALTH PARLIAMENTARY ELECTIONS, Votes Recorded—3 October 1998

	House of Representatives no.	Senate no.
First preference votes		
Australian Labor Party	4 422 853	4 181 090
Liberal-National Party	..	2 452 404
Liberal Party	3 764 691	1 528 671
National Party	588 087	208 535
Country Liberal Party	36 014	36 063
Pauline Hanson's One Nation	926 183	1 007 364
Australian Democrats	564 321	947 901
The Greens	284 747	305 058
Unity—Say No to Hanson	87 252	93 962
Christian Democratic Party	63 117	121 654
Senator Harradine Group	..	24 254
Others	306 566	302 772
Formal votes	11 043 831	11 209 728
Informal votes	432 778	375 181
<i>Total votes recorded</i>	<i>11 476 609</i>	<i>11 584 909</i>

Source: Department of the Parliamentary Library.

**3.1 AUSTRALIAN AID FLOWS, Major Recipients—1998–99 Estimates**

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Country	\$m
Papua New Guinea	320.9
Indonesia	120.0
Africa (including Seychelles, Mauritius and Comoros)	91.4
Vietnam	70.1
Philippines	59.8
China	55.8
Bangladesh	36.4
Cambodia	32.9
Thailand	25.5
Laos	21.3
Fiji	19.5
India	19.2
Vanuatu	13.1
Solomon Islands	13.1
Sri Lanka	11.7
Kiribati	6.6

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*Source: AusAID.*



#### 4.1 DEFENCE OUTLAYS, Actual in Recent Years and 1998–99 Budget

	Actual outlays					Budget
	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
Defence outlays (\$m)	9 746	9 731	10 011	9 999	10 415	10 946
Outlays as a percentage of—						
Total Commonwealth outlays (%)	8.5	8.0	7.9	7.8	8.4	8.7
Gross Domestic Product (%)	2.3	2.1	2.0	1.9	1.9	1.9

Source: Department of Defence.

**4.2 DEFENCE SERVICE AND CIVILIAN PERSONNEL—1988–89 to 1998–99**

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	Navy no.	Army no.	Air Force no.	Civilian no.
1988–89	15 641	31 896	22 468	32 502
1989–90	15 652	30 894	22 279	24 400
1990–91	15 786	30 789	22 055	24 412
1991–92	15 549	30 733	21 893	23 750
1992–93	15 294	30 064	20 780	22 558
1993–94	14 776	27 802	18 642	20 724
1994–95	14 702	26 483	17 456	20 188
1995–96	14 473	26 746	17 240	19 830
1996–97	14 377	25 682	16 705	19 042
1997–98	14 206	25 196	16 172	17 664
1998–99 (est.)	13 850	24 400	15 785	17 042

*Source: Department of Defence.*

### 5.1 POPULATION, Australia's States and Territories—1907–97

As at 30 June	NSW '000	Vic. '000	Qld '000	SA '000	WA '000	Tas. '000	NT '000	ACT '000	Aust. '000
1907	1 543	1 226	544	367	255	183	4	..	<b>4 122</b>
1917	1 904	1 409	683	440	306	193	5	3	<b>4 941</b>
1927	2 402	1 727	873	565	392	211	4	8	<b>6 182</b>
1937	2 693	1 853	993	589	457	233	6	11	<b>6 836</b>
1947	2 985	2 055	1 106	646	502	257	11	17	<b>7 579</b>
1957	3 625	2 656	1 413	873	688	326	21	38	<b>9 640</b>
1967(a)	4 295	3 274	1 700	1 110	879	375	62	103	<b>11 799</b>
1977(b)	5 002	3 837	2 130	1 286	1 204	415	104	214	<b>14 192</b>
1987	5 617	4 210	2 675	1 393	1 496	449	158	265	<b>16 264</b>
1997p	6 274	4 605	3 401	1 480	1 798	474	187	310	<b>18 532</b>

(a) Prior to 1961, data exclude full-blooded Aboriginal people. (b) In 1971, there was a break in series due to a change in the definition and measurement of the population.

Source: *Australian Demographic Statistics (3101.0)*; *Australian Demographic Trends (3102.0)*.

## 5.2 ESTIMATED RESIDENT POPULATION IN MAJOR POPULATION CENTRES—As at 30 June(a)

Major population centre	1992 '000	1997p '000
Capital City Statistical Division		
Sydney	3 710.2	3 934.7
Melbourne	3 182.4	3 321.7
Brisbane	1 388.4	1 548.3
Adelaide	1 066.0	1 083.1
Perth	1 207.4	1 319.0
Hobart	192.4	195.5
Darwin	77.3	84.3
Canberra	293.6	309.5

(a) Based on 1997 Statistical Local Area boundaries.

*...continued*

## 5.2 ESTIMATED RESIDENT POPULATION IN MAJOR POPULATION CENTRES—As at 30 June(a)—*continued*

Major population centre	1992 '000	1997p '000
Other		
Newcastle(b)	448.2	468.9
Gold Coast–Tweed(b)	292.6	367.7
Canberra–Queanbeyan(b)	327.9	347.1
Wollongong(b)	247.0	258.1
Sunshine Coast(b)	126.4	162.1
Geelong(b)	152.3	153.1
Townsville(b)	115.2	123.6
Cairns(b)	89.3	109.5
Launceston(b)	97.2	98.7
Albury–Wodonga(b)	89.0	93.3
Toowoomba City(c)	85.1	86.7
Burnie–Devonport(b)	79.0	79.6
Ballarat(b)	79.5	78.9
La Trobe Valley(b)	78.8	75.4
Bendigo(b)	72.7	74.8

(a) Based on 1997 Statistical Local Area boundaries. (b) Statistical District.

...continued

## 5.2 ESTIMATED RESIDENT POPULATION IN MAJOR POPULATION CENTRES—As at 30 June(a)—continued

Major population centre	1992 '000	1997p '000
Other		
Bathurst–Orange(b)	69.7	72.1
Rockhampton(b)	63.5	64.5
Mackay(b)	55.7	62.4
Coffs Harbour(b)	52.2	58.3
Hastings(b)	51.2	58.2
Wagga(b)	55.1	56.2
Bundaberg(b)	49.9	54.8
Greater Taree(b)	42.2	43.5
Lismore(b)	42.5	43.5
Shepparton(b)	39.7	41.8
Mildura(b)	40.2	41.4
Gladstone(b)	33.8	38.1
Dubbo(c)	34.6	36.7
Tamworth(c)	35.9	35.2
Kalgoorlie/Boulder(c)	27.1	30.5

(a) Based on 1997 Statistical Local Area boundaries. (b) Statistical District. (c) Statistical Local Area.

Source: *Australian Demographic Statistics (3101.0)*.

### 5.3 SUMMARY STATISTICS FOR BIRTHS, DEATHS, MARRIAGES AND DIVORCES

Year	Live births no.	Deaths no.	Registered marriages no.	Divorces no.
1976	227 810	112 662	109 973	63 230
1981	235 842	109 003	113 905	41 412
1986	243 408	114 981	(a)114 913	39 417
1991	257 247	119 146	113 869	45 652
1992	264 151	123 660	114 752	45 729
1993	260 229	121 599	113 255	48 363
1994	258 051	126 692	111 174	48 312
1995	256 190	125 133	109 386	49 712
1996	253 834	128 719	106 103	52 466
1997	p253 673	p128 944	106 735	51 288

(a) This figure was affected by late registrations in NSW.

Source: *Australian Demographic Trends (3102.0); Births, Australia (3301.0); Deaths, Australia (3302.0); Marriages and Divorces, Australia (3310.0).*

**5.4 FAMILY TYPE—1976–96**

Family type	1986(a) %	1991(a) %	1996 %
One parent family with dependent children	7.8	8.8	9.9
Couple only	30.3	31.4	34.1
Couple with dependent children	44.8	44.4	40.6
Couple with non-dependent children only	10.9	9.5	9.0
Other families	6.2	5.9	6.4
Total	100.0	100.0	100.0

(a) Excludes caravan park dwellers.

Source: 1976–91: *Australian Social Trends, 1994* (4102.0); 1996 *Census of Population and Housing*.



### 5.5 LIFE EXPECTANCY AT BIRTH, Selected Countries

Country	Reference year	Males years	Females years
Australia	1994-96	75.2	81.0
Canada	1985-87	73.0	79.8
China	1990-95	66.7	70.5
France	1992	72.9	81.2
Greece	1990-91	74.6	80.0
Hong Kong	1994	75.8	81.2
Indonesia	1990-95	61.0	64.5
Italy	1992	73.8	80.4
Japan	1994	76.6	83.0
Korea (Republic of)	1991	67.7	75.7
Malaysia	1990-95	68.7	73.0
New Zealand	1990-92	72.9	78.7
Papua New Guinea	1990-95	55.2	56.7
Singapore	1994	74.2	78.5
Sweden	1994	76.1	81.4
United Kingdom	1994	74.2	79.4
United States of America	1993	72.2	78.8
Viet Nam	1990-95	62.9	67.3

Source: Deaths, Australia (3302.0); United Nations 1997.

### 5.6 ESTIMATES OF THE INDIGENOUS POPULATION—At 30 June

State/Territory	1991(a)		1996(b)	
	no.	%	no.	%
New South Wales	75 020	26.5	109 925	28.5
Victoria	17 890	6.3	22 598	5.9
Queensland	74 214	26.2	104 817	27.2
South Australia	17 239	6.1	22 051	5.7
Western Australia	44 182	15.6	56 205	14.6
Tasmania	9 461	3.3	15 322	4.0
Northern Territory	43 754	15.4	51 876	13.4
Australian Capital Territory	1 616	0.6	3 058	0.8
<b>Australia(c)</b>	<b>283 560</b>	<b>100.0</b>	<b>386 049</b>	<b>100.0</b>

(a) Estimate based on the 1991 Census of Population and Housing. (b) Estimate based on the 1996 Census of Population and Housing. (c) Includes Jervis Bay Territory.

Source: *Experimental Estimates of the Aboriginal and Torres Strait Islander Population, 30 June 1991–30 June 1996* (3230.0).

**5.7 PERMANENT AND LONG-TERM MIGRATION—Five Years ended 30 June**

	1987 no.	1992 no.	1997 no.
Arrivals			
Permanent (settlers)	445 463	639 088	418 417
Long-term			
Australian residents	262 101	284 551	383 633
Overseas visitors	164 573	270 982	371 325
Permanent and long-term arrivals	872 137	1 194 621	1 173 375
Departures			
Permanent departures	107 540	130 227	140 660
Long-term			
Australian residents	246 764	304 606	337 639
Overseas visitors	124 761	190 811	262 925
Permanent and long-term departures	479 066	625 644	746 224
Category jumping	29 117	17 492	-70 523
Net overseas migration	422 190	586 436	356 628

Source: *Migration, Australia* (3412.0).

### 5.8 BIRTHPLACE OF SETTLER ARRIVALS

Country	'000	%
1983–87		
United Kingdom and Ireland	88.9	19.3
New Zealand	53.0	11.5
Viet Nam	40.1	8.7
Philippines	22.3	4.8
South Africa	14.1	3.1
Poland	8.1	1.8
1993–97		
New Zealand	53.6	13.0
United Kingdom and Ireland	53.2	12.9
China	28.9	7.0
Viet Nam	21.0	5.1
Hong Kong	19.5	4.8
Philippines	17.2	4.2

*Overseas Arrivals and Departures, Australia (3401.0).*

## 5.9 MAIN COUNTRIES OF BIRTH OF THE POPULATION

Country	1981 '000	1991 '000	1997p '000
United Kingdom and Ireland	1 175.7	1 244.3	1 214.1
New Zealand	175.7	286.4	325.5
Italy	285.3	272.0	256.7
Former Yugoslav Republic	156.1	168.0	197.6
Viet Nam	43.4	124.8	165.4
Greece	153.2	147.4	141.7
Germany	115.2	120.4	121.5
China	26.8	84.6	130.3
Hong Kong	16.3	(a)62.4	(a)78.7
Netherlands	100.5	100.9	94.7
Philippines	15.8	79.1	104.7
Total overseas	3 111.0	3 965.3	4 322.6
Australia	11 812.3	13 318.8	14 209.6
<b>Total population</b>	<b>14 923.3</b>	<b>17 284.0</b>	<b>18 532.2</b>

(a) Includes Macao.

Source: *Australia in Profile* (2821.0); *Estimated Resident Population by Country of Birth, Age and Sex, Australia* (3221.0); *Migration, Australia* (3412.0).

### 5.10 RELIGIOUS AFFILIATION

	1991		1996		Growth %
	Number '000	Proportion %	Number '000	Proportion %	
Christianity					
Anglican	4 018.8	23.8	3 903.3	22.0	-2.9
Baptist	279.8	1.7	295.2	1.7	5.5
Catholic	4 606.7	27.3	4 799.0	27.0	4.2
Churches of Christ	78.3	0.5	75.0	0.4	-4.2
Jehovah's Witness	74.7	0.4	83.4	0.5	11.6
Lutheran	250.9	1.5	250.0	1.4	-0.4
Orthodox	474.9	2.8	497.0	2.8	4.7
Pentecostal	150.6	0.9	174.7	1.0	16.0
Presbyterian and Reformed	732.0	4.3	675.5	3.8	-7.7
Salvation Army	72.3	0.4	74.1	0.4	2.5
Uniting Church	1 387.7	8.2	1 334.9	7.5	-3.8
Other Christian	339.6	2.0	420.6	2.4	23.9

...continued

### 5.10 RELIGIOUS AFFILIATION—continued

	1991		1996		Growth %
	Number '000	Proportion %	Number '000	Proportion %	
Buddhism	139.8	0.8	199.8	1.1	42.9
Hinduism	43.6	0.3	67.9	0.4	54.4
Islam	147.5	0.9	200.9	1.1	36.2
Judaism	74.3	0.4	79.8	0.4	7.6
Other religions	40.0	0.2	68.6	0.4	71.6
No religion	2 176.6	12.9	2 948.9	16.6	35.5
Not stated/inadequately described	1 762.1	10.5	1 604.7	9.0	-8.9
<b>Total</b>	<b>16 850.3</b>	<b>100.0</b>	<b>17 752.8</b>	<b>100.0</b>	<b>5.4</b>

Source: Unpublished data, 1991 and 1996 Census of Population and Housing.

### 6.1 CIVILIAN POPULATION AGED 15 AND OVER, Labour Force Status, Annual Average

	Unit	1995--96	1996--97	1997--98
Males				
Employed	'000	4 721.5	4 765.2	4 824.6
Unemployed				
Looking for full-time work	'000	401.9	403.8	389.0
Looking for part-time work	'000	53.4	58.5	59.2
Total unemployed	'000	455.3	462.3	448.3
Labour force	'000	5 176.8	5 227.5	5 272.9
Not in the labour force	'000	1 832.2	1 891.5	1 948.1
Civilian population	'000	7 009.0	7 119.0	7 221.0
Unemployment rate	%	8.8	8.8	8.5
Participation rate	%	73.9	73.4	73.0

...continued



### 6.1 CIVILIAN POPULATION AGED 15 AND OVER, Labour Force Status, Annual Average—continued

	Unit	1995--96	1996--97	1997--98
Females				
Employed	'000	3 578.2	3 623.9	3 676.8
Unemployed				
Looking for full-time work	'000	211.4	225.1	216.4
Looking for part-time work	'000	100.0	109.2	103.4
Total unemployed	'000	311.4	334.3	319.8
Labour force	'000	3 889.6	3 958.1	3 996.7
Not in the labour force	'000	3 337.7	3 387.6	3 452.0
Civilian population	'000	7 227.3	7 345.7	7 448.7
Unemployment rate	%	8.0	8.4	8.0
Participation rate	%	53.8	53.9	53.7

Source: Unpublished data, Labour Force Survey.

## 6.2 CIVILIAN LABOUR FORCE, By Birthplace, Annual Average—1997–98

	Employed		Unemployed		Total labour force '000	Unemployment rate %	Participation rate %
	Full-time workers '000	Total '000	Looking for full-time work '000	Total '000			
Born in Australia	4 724.8	6 434.4	440.3	562.7	6 997.1	8.0	66.6
Born outside Australia							
Main English-speaking countries	693.7	910.6	54.4	66.6	977.2	6.8	65.1
Other countries	912.2	1 156.5	110.8	138.8	1 295.3	10.7	54.1
Oceania	192.4	248.9	22.1	27.0	275.8	9.8	74.6
Europe and the former USSR	863.8	1 121.7	76.1	91.3	1 213.0	7.5	54.5
The Middle East and North Africa	67.9	84.6	14.3	16.9	101.5	16.6	50.3
South-East Asia	193.1	241.6	27.7	36.0	277.6	13.0	60.6
North-East Asia	89.3	115.0	7.5	10.4	125.4	8.3	53.6
Northern America	38.8	48.5	2.3	3.0	51.5	5.8	72.4
Other	160.6	206.7	15.1	20.8	227.5	9.1	68.4
Total born outside Australia	1 606.0	2 067.1	165.1	205.4	2 272.5	9.0	58.4
<b>Total</b>	<b>6 330.8</b>	<b>8 501.4</b>	<b>605.5</b>	<b>768.1</b>	<b>9 269.6</b>	<b>8.3</b>	<b>63.2</b>

Source: Unpublished data, Labour Force Survey.

### 6.3 EMPLOYED PERSONS, Status in Employment, Annual Average

	1995-96 '000	1996-97 '000	1997-98 '000
Employers	363.9	339.6	358.0
Own-account workers	849.1	821.3	857.4
Employees	6 998.9	7 126.1	7 185.4
Contributing family workers	75.4	75.9	65.9
<b>Total</b>	<b>8 287.2</b>	<b>8 362.9</b>	<b>8 466.7</b>

Source: Unpublished data, Labour Force Survey.

**6.4 UNEMPLOYED PERSONS, Duration of Unemployment, Annual Average**

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Duration of unemployment (weeks)	1995--96 '000	1996--97 '000	1997--98 '000
Under 4	129.2	135.5	126.6
4 and under 13	167.7	178.3	161.6
13 and under 26	116.7	116.1	108.6
26 and under 52	126.6	133.5	127.7
52 and over	226.5	233.1	243.7
<b>Total</b>	<b>766.7</b>	<b>796.5</b>	<b>768.1</b>

*Source: Unpublished data, Labour Force Survey.*

## 6.5 JOB VACANCIES, States and Territories

State/Territory	May 1996 '000	May 1997 '000	May 1998 '000
New South Wales	24.5	19.6	20.5
Victoria	11.6	11.5	20.2
Queensland	7.3	12.1	* 15.4
South Australia	* 2.4	3.0	* 2.7
Western Australia	5.4	* 8.6	11.0
Tasmania	* 0.8	* 1.4	* 0.6
Northern Territory	0.9	0.9	1.6
Australian Capital Territory	0.8	* 1.0	1.4
<b>Australia</b>	<b>53.6</b>	<b>58.1</b>	<b>73.3</b>

Source: *Job Vacancies and Overtime, Australia* (6354.0).

### 6.6 AVERAGE WEEKLY EARNINGS, Australia

	May 1996 \$	May 1997 \$	May 1998 \$
Males			
Full-time adult employees			
Average weekly ordinary time earnings	715.8	740.7	773.2
Average weekly total earnings	774.2	795.8	829.9
All male employees			
Average weekly total earnings	671.5	687.1	714.5
Females			
Full-time adult employees			
Average weekly ordinary time earnings	594.1	620.3	646.9
Average weekly total earnings	607.9	634.8	660.6
All female employees			
Average weekly total earnings	441.1	457.4	468.3
Persons			
Full-time adult employees			
Average weekly ordinary time earnings	672.6	696.6	726.9
Average weekly total earnings	715.2	736.8	767.8
All employees			
Average weekly total earnings	564.4	577.8	596.2

Source: *Average Weekly Earnings, States and Australia* (6302.0).

## 6.7 PROPORTION OF EMPLOYEES WHO RECEIVED SUPERANNUATION BENEFITS—August 1997

Industry	Full-time %	Part-time %	Total %
Agriculture, forestry and fishing	86.4	56.2	78.3
Mining	97.2	100.0	97.3
Manufacturing	95.9	70.4	93.3
Electricity, gas and water supply	99.2	100.0	99.3
Construction	90.9	65.7	88.2
Wholesale trade	94.8	73.7	91.9
Retail trade	94.0	57.1	74.8
Accommodation, cafes and restaurants	89.3	64.6	75.9
Transport and storage	95.1	68.6	92.0
Communication services	95.7	78.5	94.0
Finance and insurance	98.5	92.5	97.4
Property and business services	93.5	69.0	87.8
Government administration and defence	98.4	78.8	95.8
Education	97.9	79.5	91.7
Health and community services	96.7	88.1	92.9
Cultural and recreational services	95.3	67.0	84.2
Personal and other services	94.4	58.3	85.1
<b>All industries</b>	<b>95.1</b>	<b>70.1</b>	<b>88.2</b>

Source: Unpublished data, Weekly Earnings of Employees (Distribution).

### 6.8 INDUSTRIAL DISPUTES, Working Days Lost by Industry

Industry	1995 '000	1996 '000	1997 '000
Mining			
Coal	111.1	160.8	95.7
Other	78.0	4.4	1.1
Manufacturing			
Metal products; Machinery and equipment	54.8	58.6	76.9
Other	105.1	44.8	68.7
Construction	42.7	334.8	107.8
Transport and storage; Communication services	38.6	20.4	47.7
Education; Health and community services	70.9	239.8	94.0
Other industries(a)	46.3	64.9	42.1
<b>All industries</b>	<b>547.6</b>	<b>928.5</b>	<b>534.2</b>

(a) Include: Agriculture, forestry and fishing; Electricity, gas and water supply; Wholesale trade; Retail trade; Accommodation, cafes and restaurants; Finance and insurance; Property and business services; Government administration and defence; Cultural and recreational services; Personal and other services.

Source: *Industrial Disputes, Australia* (6322.0).



### 7.1 ALL INCOME UNITS, Selected Characteristics by Gross Weekly Income Quintile Groups—1996–97

	Unit	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	All income units
Upper boundary of quintile group	\$	209	376	593	956	..	..
Mean income	\$	121	294	476	752	1 485	625
Median income	\$	168	295	477	746	1 307	477
Principal source of income (% of income units)							
Weekly employee income	%	8.6	26.4	66.9	85.2	87.1	54.8
Weekly own business income	%	2.0	3.5	6.5	7.3	9.6	5.8
Weekly government pensions and allowances	%	69.0	62.1	16.7	1.9	**0.1	30.0
Weekly income from other sources	%	9.5	8.0	9.9	5.6	3.3	7.3
Total(a)	%	100.0	100.0	100.0	100.0	100.0	100.0
Estimated number of income units	'000	1 823	1 816	1 814	1 813	1 817	9 083

(a) Includes income units with nil or negative income.

Source: Unpublished data, 1996–97 Survey of Income and Housing Costs.

## 7.2 INCOME SUPPORT PAYMENTS—1997–98

Type of payment	\$'000	Date of operation
The retired		
Age Pension(a)	13 141 895	1 July 1909
Wife Pension Age(b)	254 752	1 July 1997
People with disabilities and the sick		
Disability Support Pension	4 599 452	12 November 1991
Disability Wage Supplement(c)	2 034	—
Rehabilitation Allowance	-219	1 March 1983
Wife Pension DSP(d)	599 136	1 July 1997
Carer Payment	258 474	1 July 1997
Sickness Allowance	92 684	12 November 1991
Mobility Allowance	41 863	1 April 1983
Child Disability Allowance	248 429	15 November 1987
The unemployed		
Newstart Allowance	5 757 731	1 July 1991
Mature Age Allowance	443 380	1 March 1994
Partner Allowance	532 278	20 September 1994
Youth Training Allowance	158 177	1 January 1995

(a) From 1997–98 wives and carers transferred from Age Pension to separate appropriations. (b) Combined with Age pension prior to 1997–98. (c) DWS recipients transferred to Disability Support Pension from 1 January 1998. (d) Combined with Disability Support Pension prior to 1997–98. (e) Parenting Allowance and Sole Parent Pension transferred to Parenting Payment on 20 March 1998.

...continued

**7.2 INCOME SUPPORT PAYMENTS—1997–98—continued**

Type of payment	\$'000	Date of operation
Families with children		
Basic Family Payment	..	1 January 1993
Additional Family Payment	..	1 January 1993
Family Payment	6 363 712	1 January 1996
Maternity Allowance	183 607	1 February 1996
Home Child Care Allowance	..	29 September 1994
Parenting Allowance(a)	1 570 502	1 July 1995
Sole Parent Pension(a)	2 206 233	1 March 1989
Parenting Payment(a)	1 455 563	20 March 1998
Double Orphan Allowance	1 778	26 September 1973
Family Tax Payment	558 735	1 January 1997
Provision for special circumstances		
Special Benefit	95 867	1 July 1945
Widow Class 'B' Pension	147 187	30 June 1942
Widow Allowance	180 112	1 January 1995
Widowed Persons Allowance	..	1 March 1989
Bereavement Allowance	997	1 January 1995
Disaster Relief Payment	28	1 August 1990
<b>Total F&amp;CS income support</b>	<b>38 894 385</b>	—

(a) Parenting Allowance and Sole Parent Pension transferred to Parenting Payment on 20 March 1998.

Source: Department of Family and Community Services.

### 7.3 AGE PENSIONERS

	Unit	June 1996	June 1997	June 1998
Age group (years)				
60–64	no.	193 988	208 309	187 256
65–69	no.	464 417	481 624	479 884
70–74	no.	335 197	364 766	388 474
75 and over	no.	609 232	625 515	627 003
Males	no.	570 328	597 859	613 587
Females	no.	1 032 506	1 082 355	1 069 030
Persons	no.	1 602 834	1 680 214	1 682 617
Wife pensioners (age)	no.	41 125	36 577	(a)10 424
Total payments in financial year ending 30 June(b)	\$'000	12 383 929	13 204 658	13 396 647

(a) From 1997–98 wives and carers transferred from Age Pension to separate appropriations.

(b) Includes allowances, Rent Assistance, and Wife Pension (age) where applicable.

Source: Department of Family and Community Services.

## 7.4 CHILD CARE PLACES—June 1998

Type of formal care	Number of places
Long day care community based	51 500
Private centres	129 700
Employer and other non-profit centres	13 400
Family day care	63 300
Occasional centres	3 400
Occasional care neighbourhood model	1 600
Multifunctional services	600
Multifunctional Aboriginal children's services	1 100
Outside school hours care	134 400
<b>Total</b>	<b>399 000</b>

Source: Administrative data from Children's Services System.

## 7.5 COMMONWEALTH EXPENDITURE ON NURSING HOMES AND HOSTELS—1997–98

Expenditure	NSW \$m	Vic \$m	Qld \$m	SA \$m	WA \$m	Tas \$m	ACT \$m	NT \$m	Australia \$m
Nursing home (recurrent)	885.4	546.3	331.7	209.0	168.6	70.3	17.4	7.1	<b>2 235.8</b>
Hostels (recurrent)	193.2	148.3	126.4	64.7	52.0	14.0	7.1	2.0	<b>607.7</b>
Nursing homes and hostels (capital)	12.5	11.9	5.0	2.7	4.7	1.9	0.1	1.0	<b>39.7</b>

Source: Department of Health and Aged Care.

## 7.6 BEDS/PLACES IN NURSING HOMES, HOSTELS AND 'NEW SERVICES'—June 1998

	NSW no.	Vic. no.	Qld no.	SA no.	WA no.	Tas. no.	NT no.	ACT no.	Aust. no.
Nursing homes	474	442	209	158	110	53	7	7	<b>1 460</b>
Approved nursing home places	28 990	17 346	12 066	6 923	5 795	2 150	211	604	<b>74 085</b>
Hostels	467	381	268	151	171	50	8	15	<b>1 511</b>
Approved hostel places	20 015	16 434	12 662	6 430	5 916	1 560	149	816	<b>63 982</b>
'New services'	14	25	6	4	3	2	0	0	<b>54</b>
Approved 'new services' places	566	755	254	101	88	22	0	0	<b>1 786</b>

Source: Department of Health and Aged Care.

## 7.7 DISABILITY AND WAR WIDOWS' PENSIONS

Number of disability pensions in force, 30 June					
Year	Incapacitated veterans no.	Dependants of incapacitated veterans no.	Dependants of deceased veterans no.	Total no.	Annual expenditure(a) to 30 June \$'000
1996	159 178	79 901	94 473	333 552	1 720 239
1997	160 145	74 405	98 493	333 043	1 819 338
1998	161 829	69 484	101 647	332 960	1 888 416

(a) Includes associated allowances.

## 7.8 SERVICE PENSIONS, Number and Expenditure

Number of service pensions in force, 30 June				
Year	Veterans no.	Wives and widows no.	Total no.	Annual expenditure(a) \$'000
1996	192 342	145 481	337 823	2 609 460
1997	186 228	142 520	328 748	2 644 118
1998	179 673	138 906	318 579	2 602 122

(a) Includes associated allowances.

Source: Department of Veteran's Affairs.

### 8.1 NUMBER OF DWELLINGS, By Dwelling Structure and State/Territory—1995–96

State/Territory	Separate house '000	Semi- detached/row or terrace house/ townhouse '000	Flat/unit/ apartment '000	Other '000	Total '000
New South Wales	1 732.1	184.2	349.8	*20.4	<b>2 286.5</b>
Victoria	1 382.1	101.0	214.8	*10.0	<b>1 707.8</b>
Queensland	1 026.0	77.1	142.5	19.9	<b>1 265.5</b>
South Australia	453.2	77.3	56.0	n.p.	<b>587.2</b>
Western Australia	525.5	81.2	55.1	*2.9	<b>664.7</b>
Tasmania	155.3	11.8	14.9	*4.5	<b>186.4</b>
Northern Territory(a)	32.6	8.2	6.4	n.p.	<b>47.9</b>
Australian Capital Territory	87.4	13.7	11.3	—	<b>112.4</b>
Australia	5 394.1	554.5	850.8	59.2	<b>6 858.5</b>

(a) Excludes remote and rural areas.

Source: Unpublished data, 1995–96 Survey of Income and Housing Costs.



## 8.2 TENURE, By State/Territory—1995–96

State/Territory	Owner without a mortgage %	Owner with a mortgage %	Renter			Rent- free %	Total %	Total '000
			Public %	Private %	Total(a) %			
New South Wales	42.9	25.2	6.5	21.5	29.9	2.0	100.0	2 286.5
Victoria	43.8	29.3	3.4	19.5	24.9	2.0	100.0	1 707.8
Queensland	41.4	27.2	5.2	22.2	29.9	1.5	100.0	1 265.5
South Australia	42.2	29.5	9.6	14.0	26.7	(b)1.6	100.0	587.2
Western Australia	36.1	34.4	4.6	18.6	26.3	3.1	100.0	664.7
Tasmania	41.5	29.0	8.0	14.8	26.9	(b)2.6	100.0	186.4
Northern Territory(c)	20.3	24.3	28.6	16.0	51.2	(b)4.3	100.0	47.9
Australian Capital Territory	26.7	38.0	11.4	20.3	34.4	n.p.	100.0	112.4
<b>Australia</b>	<b>41.7</b>	<b>28.2</b>	<b>5.9</b>	<b>20.0</b>	<b>28.2</b>	<b>2.0</b>	<b>100.0</b>	<b>6 858.5</b>

(a) Includes a small number of 'other' landlord types (total 161,000). (b) The estimate has a relative standard error of 25% to 50%. (c) Excludes remote and rural areas.

Source: Unpublished data, 1995–96 Survey of Income and Housing Costs.

### 8.3 HOUSEHOLDS, Capital City by Tenure Type—1995–96

Capital city	Tenure type					Total owner and renter households '000
	Owner without a mortgage '000	Owner with a mortgage '000	Public renter '000	Private renter '000	Total renters(a) '000	
Sydney	553	362	93	344	460	<b>1 375</b>
Melbourne	516	365	43	246	309	<b>1 190</b>
Brisbane	222	166	36	137	179	<b>566</b>
Adelaide	169	143	38	68	115	<b>427</b>
Perth	183	170	19	99	125	<b>478</b>
Hobart	27	25	8	13	24	<b>77</b>
Darwin	6	7	9	7	17	<b>30</b>
Canberra	30	43	13	23	39	<b>111</b>
All capital cities	1 705	1 281	260	936	1 267	<b>4 253</b>

(a) Includes other renters.

Source: Unpublished data, Survey of Income and Housing Costs.

## 8.4 VALUE OF DWELLINGS(a), By Dwelling Structure by Capital City—1995–96

	Median value of dwellings				
	Separate house \$'000	Semi- detached/row or terrace house/ townhouse \$'000	Flat/unit/ apartment \$'000	<b>All dwellings(a) \$'000</b>	Capital city dwellings '000
Sydney	215.8	191.3	198.7	<b>210.2</b>	915.3
Melbourne	140.5	132.0	103.3	<b>136.0</b>	880.3
Brisbane	151.7	*121.3	*120.4	<b>149.3</b>	387.7
Adelaide	122.0	123.2	87.6	<b>119.7</b>	311.9
Perth	152.5	116.0	96.6	<b>146.4</b>	353.0
Hobart	121.3	*77.1	*94.4	<b>119.8</b>	52.3
Darwin	159.6	*138.0	n.p.	<b>154.4</b>	12.6
Canberra	164.6	141.3	*126.3	<b>162.7</b>	72.8
All capital cities	158.6	137.0	127.2	<b>156.0</b>	2 985.9

(a) Includes other dwellings.

Source: Unpublished data, Survey of Income and Housing Costs.

### 9.1 INDICATORS OF HEALTH STATUS—1995

Population characteristics	Self-assessed health status		Number of conditions		
	Good or better %	Fair or poor %	None or one %	Two or three %	Four or more %
Labour force status					
Employed	90.9	9.1	23.0	32.2	44.8
Unemployed	81.5	18.5	28.4	30.6	40.9
Not in labour force(b)	72.0	28.0	30.2	24.5	45.3
Equivalent income(c)					
Low	72.9	27.1	25.9	24.8	49.3
Medium	83.9	16.1	28.8	28.2	43.0
High	91.6	8.4	24.9	31.6	43.6
Birthplace					
Australia	84.4	15.6	27.9	28.7	43.4
Overseas					
Arrived in last 5 years	91.4	8.6	47.1	28.4	24.4
Arrived 5 years or more ago	80.0	20.0	20.8	26.3	52.9
Language at home(d)					
English	84.1	15.9	23.0	28.2	48.8
Other than English	76.2	23.8	36.4	25.5	38.1
<b>All persons</b>	<b>83.5</b>	<b>16.6</b>	<b>26.9</b>	<b>28.2</b>	<b>44.9</b>

(a) Recent and/or long-term conditions combined. (b) Includes children and retired persons. (c) Excludes persons for whom equivalent income could not be derived. (d) Excludes persons less than six years of age.

Source: Unpublished data, 1995 National Health Survey.

## 9.2 INTERNATIONAL COMPARISON OF SELECTED CAUSES OF DEATH(a)

Country	Year	Malignant neoplasms	Ischaemic heart disease	Cerebrovascular disease	Diabetes mellitus	Suicide	Motor vehicle traffic accidents
<b>Australia</b>	1996	<b>190</b>	<b>162</b>	<b>70</b>	<b>16</b>	<b>13</b>	<b>11</b>
Canada	1995	195	149	53	19	13	10
Hong Kong	1995	186	67	69	9	12	5
Italy	1993	205	99	100	23	7	14
Japan	1994	165	40	84	8	15	10
Netherlands	1995	214	121	72	14	9	8
New Zealand	1993	217	211	85	14	13	17
United Kingdom	1995	214	200	88	7	7	6
United States of America	1994	199	174	55	17	12	16
Sweden	1995	168	180	72	12	14	5

(a) Standardised rate per 100,000 population.

Source: World Health Organization, 1995 and 1996 World Health Statistics Annual; Causes of Death, Australia, 1996 (3303.0).

### 9.3 EXTERNAL CAUSES OF DEATH—1996

Cause of death	no.	%	Crude death rate(a)
<b>Males</b>			
Suicide	1 931	35.6	21.2
Motor vehicle traffic accidents	1 398	25.7	15.4
Accidental falls	523	9.6	5.7
Homicide	223	4.1	2.4
Drowning and submersion	188	3.5	2.1
Poisoning by drugs/medications	218	4.0	2.4
Other	950	17.5	10.4
All external causes	5 431	100.0	59.7
<b>Females</b>			
Suicide	462	21.8	5.0
Motor vehicle traffic accidents	544	25.6	5.9
Accidental falls	579	27.3	6.3
Homicide	103	4.9	1.1
Drowning and submersion	59	2.8	0.6
Poisoning by drugs/medications	79	3.7	0.9
Other	297	14.0	3.2
All external causes	2 123	100.0	23.1

(a) Deaths per 100,000 population.

...continued

### 9.3 EXTERNAL CAUSES OF DEATH—1996—*continued*

Cause of death	no.	%	Crude death rate(a)
Persons			
Suicide	2 393	31.7	13.1
Motor vehicle traffic accidents	1 942	25.7	10.6
Accidental falls	1 102	14.6	6.0
Homicide	326	4.3	1.8
Drowning and submersion	247	3.3	1.4
Poisoning by drugs/medications	297	3.9	1.6
Other	1 247	16.5	6.8
All external causes	7 554	100.0	41.3

(a) Deaths per 100,000 population.

Source: *Causes of Death, Australia, 1996* (3303.0).

#### 9.4 NEWLY DIAGNOSED HIV CASES(a)(b), AIDS Cases and Deaths Following Diagnosis

Year of diagnosis	HIV cases no.	AIDS cases no.	AIDS deaths no.
Prior to 1989	8 196	1 334	654
1989	1 640	614	403
1990	1 426	671	514
1991	1 414	802	586
1992	1 247	786	598
1993	1 111	838	691
1994	1 033	948	732
1995	944	786	681
1996	926	641	563
1997	787	311	310
<b>Total(c)</b>	<b>18 743</b>	<b>7 731</b>	<b>5 732</b>

(a) The number of cases of newly diagnosed HIV infection contained in the National HIV Database has reduced due to the removal of records with no identifying information. (b) Not adjusted for multiple reporting. (c) Includes 19 cases for which the date of HIV diagnosis was not known.

Source: *HIV/AIDS and Related Diseases in Australia, Annual Surveillance Report 1998, National Centre in HIV Epidemiology and Clinical Research.*



## 9.5 PERSONS SELF-ASSESSED WEIGHT GROUP BY BODY MASS INDEX(a), 18 Years and Over

Self-assessed weight group	Body mass index			
	Underweight %	Acceptable weight %	Overweight or obese %	Total %
<b>Males</b>				
Considered themselves				
Underweight	32.1	62.3	5.6	100.0
Acceptable weight	2.1	45.7	52.1	100.0
Overweight	0.0	3.7	96.2	100.0
<b>Females</b>				
Considered themselves				
Underweight	58.4	38.0	3.5	100.0
Acceptable weight	11.9	64.8	23.3	100.0
Overweight	0.3	15.3	84.4	100.0

(a) Based on National Health and Medical Research Council recommended guidelines.

Source: *How Australians Measure Up* (4359.0).

### 9.6 SMOKER STATUS, By Age and Sex—1995

Status	18–44 years %	45–64 years %	65 years or more %	Males %	Females %	Persons %
Smoker	28.9	20.7	11.3	27.3	20.3	23.8
Ex-smoker	21.8	32.2	38.3	32.4	22.5	27.4
Never smoked	49.3	47.1	50.4	40.4	57.1	48.9
All adults	100.0	100.0	100.0	100.0	100.0	100.0

Source: 1995 National Health Survey.

### 9.7 ALCOHOL CONSUMPTION(a), By Age and Sex—1995

	Unit	18–44 years	45–64 years	65 years or more	Males	Females	Persons
Did not consume	%	42.0	44.0	54.5	34.2	54.6	44.5
Consumed	%	58.0	56.0	45.4	65.8	45.4	55.5
Average daily intake(a)	mL	56.7	37.8	25.4	57.6	32.8	47.3

(a) In the previous week.

Source: 1995 National Health Survey.

## 9.8 TOTAL HEALTH EXPENDITURE(a) AND RATE OF GROWTH

Year	Expenditure		Rate of growth	
	Current prices \$m	Constant 1989-90 prices(a) \$m	Current prices %	Constant 1989-90 prices(a) %
1994-95	38 701	33 957	5.8	4.2
1995-96	41 308	35 716	6.7	5.2
1996-97(b)	43 204	36 768	4.6	2.9

(a) Health expenditure for 1982-83 to 1996-97 is deflated to constant 1989-90 prices using specific health deflators. (b) Based on preliminary AIHW and ABS estimates.

Source: Australian Institute of Health and Welfare, *Health Expenditure Data Base*.

## 9.9 PERSONS WITH PRIVATE INSURANCE

	June 1990 %	June 1994 %	June 1998 %
With private hospital cover	44.5	37.2	30.6
With private ancillary cover	39.9	34.5	31.7

Source: Private Health Insurance Administration Council, *Quarterly Statistics*, June 1998.

### 10.1 SCHOOLS, STUDENTS AND TEACHING STAFF—August 1996

	Government schools no.	Non-government schools no.	All schools no.
Schools	7 029	2 580	9 609
Students			
Males	1 140 874	473 898	1 614 772
Females	1 089 178	467 674	1 556 852
Persons	2 230 052	941 572	3 171 624
Full-time equivalent of teaching staff(a)			
Males	50 557	21 828	72 385
Females	94 980	39 695	134 674
Persons	145 536	61 523	207 059

(a) Full-time teaching staff plus full-time equivalent of part-time teaching staff.

Source: *Schools, Australia* (4221.0).

## 10.2 STUDENTS, By Category of School and Sex

	August 1995 no.	August 1996 no.	August 1997 no.
Government schools			
Males	1 129 599	1 136 634	1 140 874
Females	1 078 254	1 084 923	1 089 178
Persons	2 207 853	2 221 557	2 230 052
Non-government schools			
Males	454 324	464 109	473 898
Females	447 160	457 349	467 674
Persons	901 484	921 458	941 572
All schools			
Males	1 583 923	1 600 743	1 614 772
Females	1 525 414	1 542 272	1 556 852
Persons	3 109 337	3 143 015	3 171 624

Source: *Schools, Australia* (4221.0).

**10.3 HIGHER EDUCATION STUDENTS(a), By Age and Sex**

	19 and under no.	20–24 no.	25–29 no.	30 and over no.	<b>Total no.</b>
<b>Males</b>					
1991	74 820	80 304	32 334	62 218	<b>249 676</b>
1994	69 757	92 415	36 239	73 568	<b>271 979</b>
1997	76 017	100 953	42 496	80 706	<b>300 172</b>
<b>Females</b>					
1991	96 617	79 967	30 693	77 585	<b>284 862</b>
1994	91 958	98 810	35 051	87 598	<b>313 417</b>
1997	102 354	112 814	44 384	99 103	<b>358 655</b>
<b>Persons</b>					
1991	171 437	160 271	63 027	139 803	<b>534 538</b>
1994	161 715	191 225	71 290	161 166	<b>585 396</b>
1997	178 371	213 767	86 880	179 809	<b>658 827</b>

(a) Includes students in enabling and non-award courses.

Source: Department of Employment, Education, Training and Youth Affairs, 'Selected Higher Education Student Statistics, 1997'.

### 10.4 EDUCATION PARTICIPATION RATES, Persons Aged 15–24—September 1997

Age (years)					Attending		Total %
	School %	Full-time %	Part-time %	Tertiary		Not attending %	
				Total tertiary %	Total attending %		
15	94.7	*0.7	*1.0	1.7	96.3	3.7	100.0
16	82.5	2.6	2.9	5.6	88.0	12.0	100.0
17	69.3	7.7	5.0	12.7	82.0	18.0	100.0
18	22.7	30.8	9.4	40.2	62.9	37.1	100.0
19	2.5	40.2	12.4	52.6	55.1	44.9	100.0
20	*1.1	33.9	10.5	44.4	45.5	54.5	100.0
21	*0.2	27.1	10.1	37.2	37.4	62.6	100.0
22	*0.4	16.5	11.8	28.3	28.7	71.3	100.0
23	*0.2	12.0	11.0	23.0	23.2	76.8	100.0
24	*0.0	8.9	9.2	18.1	18.1	81.9	100.0
All 15–24	26.7	17.9	8.4	26.3	53.0	47.0	100.0

Source: *Participation in Education, Australia* (6272.0).

### 10.5 PERSONS AGED 15–64, Educational Attainment—May 1997

Educational attainment	Age group (years)					Total '000
	15–24 '000	25–34 '000	35–44 '000	45–54 '000	55–64 '000	
With post-school qualifications						
Higher degree	*2.9	40.8	78.6	55.8	24.0	202.2
Postgraduate diploma	10.2	51.0	76.6	63.8	29.0	230.5
Bachelor degree	151.2	403.8	348.6	219.3	97.3	1 220.2
Undergraduate diploma	41.2	128.0	172.3	142.2	77.7	561.5
Associate diploma	66.0	105.7	88.4	81.4	36.0	377.5
Skilled vocational	126.2	360.1	339.7	257.5	171.8	1 255.3
Basic vocational	175.7	295.8	287.2	220.2	95.0	1 073.9
Total	573.3	1 385.2	1 391.4	1 040.2	530.8	4 921.0

...continued



### 10.5 PERSONS AGED 15–64, Educational Attainment—May 1997—*continued*

Educational attainment	Age group (years)					Total '000
	15–24 '000	25–34 '000	35–44 '000	45–54 '000	55–64 '000	
Without post-school qualifications						
Completed highest level of school						
Attending tertiary in May 1997	499.5	69.4	31.3	13.2	*3.3	616.7
Not attending tertiary in May 1997	352.1	420.1	333.9	277.6	176.3	1 560.0
Total	851.6	489.5	365.2	290.8	179.7	2 176.7
Did not complete highest level of school						
Attending tertiary in May 1997	107.8	50.2	46.7	19.6	7.6	231.9
Not attending tertiary in May 1997	447.4	911.9	995.8	1 007.6	825.3	4 188.0
Total	555.2	962.1	1 042.5	1 027.2	833.0	4 419.9
Total(a)	1 407.7	1 451.9	1 410.0	1 319.9	1 015.6	6 605.0
Still at school	657.9	*0.3	*1.2	*0.7	*1.0	661.0
<b>Total</b>	<b>2 638.8</b>	<b>2 837.2</b>	<b>2 802.7</b>	<b>2 360.7</b>	<b>1 547.4</b>	<b>12 187.0</b>

(a) Includes persons who never attended school.

Source: *Transition from Education to Work, Australia* (6227.0).

### 10.6 GOVERNMENT OUTLAYS ON EDUCATION—1996–97

	General government final consumption expenditure \$m	Personal benefit payments \$m	Expenditure on new fixed assets \$m	Expenditure on second- hand fixed assets \$m (net)	Other (a)(b) \$m	Inter- sector transfers (c) \$m	Own source outlays (b)(d) \$m
Primary and secondary education	9 646	679	797	-47	2 842	—	13 916
Tertiary education							
University education	3 476	924	938	-76	278	—	5 540
Technical and further education	2 172	241	309	-4	143	—	2 861
Tertiary education n.e.c.	21	82	1	—	—	—	104
Total tertiary education	5 669	1 246	1 248	-80	421	—	8 505
Preschool and other special education	1 136	2	35	-6	174	—	1 340

For footnotes see end of table.

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## 10.6 GOVERNMENT OUTLAYS ON EDUCATION—1996–97—continued

	General government final con- sumption expenditure \$m	Personal benefit payments \$m	Expenditure on new fixed assets \$m	Expenditure on second- hand fixed assets \$m (net)	Other (a)(b) \$m	Inter- sector transfers (c) \$m	Own source outlays (b)(d) \$m
Transportation of students	166	528	1	—	11	—	706
Education n.e.c.	225	3	14	—	15	—	257
Less inter-sector transfers	—	—	—	—	—	-248	-248
<b>Total government outlays</b>	<b>16 842</b>	<b>2 457</b>	<b>2 096</b>	<b>-134</b>	<b>3 467</b>	<b>-248</b>	<b>24 480</b>

(a) Mainly current grants to non-government schools, subsidies for teacher housing and advances to persons under the HECS scheme. (b) Totals for Other and Own source outlays do not agree with the sum of Commonwealth and State and Territory and local Other and Own source outlays because of consolidation of transfers between these levels of government. (c) Specific purpose grants from the Commonwealth Government to State and Territory Governments. The amounts concerned are shown as a deduction from outlays in the rows for State, Territory and local governments. (d) Outlays on education less specific purpose grants received from other levels of government. In the case of the Commonwealth Government, this represents its total outlays, but in the case of State, Territory and local governments it represents outlays financed from their own resources and non-specific Commonwealth grants.

Source: *Expenditure on Education, Australia* (5510.0).

**10.7 STUDENT ASSISTANCE SCHEMES—1997**

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Scheme	Students no.	Assistance \$m
AUSTUDY	464 248	1 466
ABSTUDY	50 763	137
AIC	12 243	27
AUSTUDY/ABSTUDY Supplement	60 609	49

*Source: Department of Education, Training and Youth Affairs.*

### 11.1 GOVERNMENT EXPENDITURE ON PUBLIC ORDER AND SAFETY

Expenditure category	1994–95 \$m	1995–96 \$m	1996–97 \$m
Current outlays	5 681	6 162	6 872
Capital outlays	502	534	534
<b>Total outlays</b>	<b>6 183</b>	<b>6 696</b>	<b>7 406</b>

Source: Government Finance Statistics, Australia, 1996–97 (5512.0).

### 11.2 SIZE OF POLICE FORCES

Police force	At 1 July 1997 no.	At 1 July 1998 no.
National Crime Authority	105	114
Australian Federal Police	2 027	1 931
— of which ACT	606	612
New South Wales	13 207	13 414
Victoria	10 130	9 858
Queensland	6 561	6 566
South Australia	3 447	3 630
Western Australia	4 784	4 815
Tasmania	1 052	1 096
Northern Territory	779	883
<b>Total</b>	<b>42 092</b>	<b>42 307</b>

Source: Police annual reports.

### 11.3 OFFENCES RECORDED BY POLICE

Offence category	1995 no.	1996 no.	1997 no.
Homicide			
Murder	325	312	322
Attempted murder	299	335	318
Manslaughter	31	38	38
Driving causing death(a)	318	342	n.a.
Assault	101 267	114 156	123 940
Sexual assault	12 962	14 542	14 138
Kidnapping/abduction	467	480	557
Robbery			
Armed robbery	5 255	6 256	9 015
Unarmed robbery	9 303	10 116	12 246
Blackmail/extortion	155	268	353
Unlawful entry with intent	384 908	402 079	417 845
Motor vehicle theft	126 939	122 914	130 406
Other theft	490 084	521 762	529 345

(a) Complete counts and rate details for the offence Driving causing death not available for 1997.

Source: *Recorded Crime, Australia, 1996 (4510.0)*; *Recorded Crime, Australia, 1997 (4510.0)*.

### 11.4 VICTIMS OF REPORTED CRIME(a), By Use of Weapon in Commission of Offence

Offence category	Firearm %	Other weapon %	Weapon n.f.d. %	Total weapons %	No weapons %	Total %
Homicide						
Murder	23.3	48.8	2.5	74.5	25.5	100.0
Attempted murder	28.3	58.5	—	86.8	13.2	100.0
Manslaughter	2.6	36.8	—	39.5	60.5	100.0
Assault	0.7	9.1	0.4	10.2	89.8	100.0
Sexual assault	0.2	1.8	0.1	2.1	97.9	100.0
Kidnapping/abduction	3.6	8.4	0.2	12.2	87.8	100.0
Armed robbery	24.2	66.4	9.4	100.0	—	100.0

(a) Victims of armed robbery refers to individual persons or organisations. All other offence categories used in this table refer to individual persons.

Source: *Recorded Crime, Australia, 1996 (4510.0)*; *Recorded Crime, Australia, 1997 (4510.0)*.

**11.5 TOTAL OFFENDERS, By Drug Type—1996–97**

Drug type	NSW no.	Vic. no.	Qld no.	SA no.	WA no.	Tas. no.	NT no.	ACT no.	<b>Aust. no.</b>
Cannabis	14 146	9 121	14 839	16 082	12 704	1 079	680	485	<b>69 136</b>
Cocaine	395	29	15	8	12	—	1	—	<b>460</b>
Heroin	2 458	3 396	419	271	472	28	29	67	<b>7 140</b>
Amphetamine	1 265	639	1 147	310	488	20	22	16	<b>3 907</b>
Hallucinogens	197	—	147	82	163	4	14	2	<b>609</b>
Steroids	44	—	8	—	14	2	3	—	<b>71</b>
Other drugs	699	756	1 652	338	235	38	2	3	<b>3 723</b>
<b>Total</b>	<b>19 204</b>	<b>13 941</b>	<b>18 227</b>	<b>17 091</b>	<b>14 088</b>	<b>1 171</b>	<b>751</b>	<b>573</b>	<b>85 046</b>

Source: Australian Bureau of Criminal Intelligence, *Australian Illicit Drug Report*, 1996–97.



### 11.6 OFFENDERS, By Type of Detention—1996–97

Offence category	NSW no.	Vic. no.	Qld no.	SA no.	WA no.	Tas. no.	NT no.	ACT(a) no.	Aust. no.
Prisons	6 323	2 478	3 563	1 475	2 231	272	541	143	16 921
Community custody(b)	18	..	359	108	..	..	47	..	532
Community supervision	14 578	7 063	14 966	7 381	4 659	1 765	1 192	542	52 146
Periodic detention	1 562	..	..	..	..	..	..	61	1 623
<b>Total</b>	<b>22 481</b>	<b>9 541</b>	<b>18 888</b>	<b>8 964</b>	<b>6 890</b>	<b>2 035</b>	<b>1 780</b>	<b>640</b>	<b>71 219</b>

(a) The ACT rate included prisoners held in NSW prisons. (b) Victoria, WA, Tasmania and the ACT did not use community custody as a sentencing option.

Source: *Steering Committee for the Review of Commonwealth/State Service Provision, Report on Government Services, 1998.*

**11.7 SENTENCED PRISONERS, By Most Serious Offence(a)—1997**

Offence category	NSW %	Vic. %	Qld %	SA %	WA %	Tas. %	NT %	ACT(b) %	Aust. %	Aust. no.
Homicide	7.5	11.9	10.4	10.6	9.2	18.2	9.2	11.8	9.3	<b>1 541</b>
Assault	13.1	6.7	12.8	14.1	10.3	8.7	21.7	8.2	12.1	<b>2 006</b>
Sex offences	9.4	18.2	16.2	9.6	19.1	12.6	7.1	9.1	13.1	<b>2 171</b>
Robbery	12.8	8.1	15.2	14.6	15.5	9.1	4.5	16.4	12.8	<b>2 112</b>
Break and enter	13.2	12.4	15.4	14.6	15.1	10.4	13.1	11.8	13.8	<b>2 282</b>
Fraud and misappropriation	5.6	3.8	3.2	7.4	3.3	2.2	1.3	1.8	4.6	<b>753</b>
Other theft	7.2	12.2	4.0	3.1	5.9	6.5	9.4	13.6	6.8	<b>1 130</b>
Government security(c)	5.7	7.9	5.1	6.0	6.5	10.4	6.0	6.4	6.1	<b>1 001</b>
Drug offences	13.4	8.8	7.3	7.4	6.7	2.6	3.4	14.5	9.8	<b>1 624</b>
Driving offences	6.6	0.7	2.6	1.8	1.9	8.2	11.4	0.9	4.3	<b>705</b>
Other offences	5.5	9.3	7.8	10.8	6.5	11.1	12.9	5.5	11.6	<b>1 197</b>
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	<b>16 522</b>

(a) The most serious offence is the offence with the longest sentence a prisoner has received. Where the sentences are equal, or the longest sentence cannot be determined, the most serious offence is the offence with the lowest Australian National Classification of Offences code. (b) Prisoners sentenced to full-time custody in the ACT are held in NSW prisons and are also included in the NSW figures. (c) Includes Justice Procedures.

Source: *Prisoners in Australia, 1997—A report prepared for the Corrective Services Ministers' Council by the National Correctional Services Statistics Unit, ABS.*

## 12.1 ATTENDANCE(a) AT SELECTED CULTURAL VENUES

	Year	No. of attendees '000
National parks	1996-97	3 339
Museums and art galleries	1995	7 044
Botanic gardens	1995	5 411
Zoological parks and aquaria	1995	4 966
Libraries	1995	5 403
Music performances		
Popular	1995	3 791
Classical	1995	1 081
Performing arts		
Dance	1995	1 408
Theatre	1995	5 058
Other	1995	2 634
Cinema	1995	8 734

(a) Persons who attended at least once during the 12 month period.

Source: Various ABS publications.

**12.2 CULTURAL FUNDING BY LEVEL OF GOVERNMENT—1996–97**

	Level of government			
	Commonwealth \$m	State/ Territory \$m	Local \$m	Total \$m
Public halls and civic centres	—	—	179.4	179.4
National parks and wildlife services	97.9	542.9	2.2	643.0
Zoological and botanic gardens	0.9	63.1	16.4	80.4
Libraries and archives	55.4	225.8	415.6	696.8
Literature and publishing	10.2	3.5	0.9	14.5
Museums	54.5	151.3	11.0	216.7
Art galleries	20.0	63.7	39.2	122.9
Visual arts/crafts and photography	15.8	9.9	3.0	28.7
Performing arts venues and arts centres	—	129.0	59.2	188.3
Music (excluding opera)	20.5	16.2	3.5	40.2
Other performing arts	37.9	45.6	6.4	89.9
Cultural heritage	37.8	43.5	8.4	89.8
Radio and television broadcasting	776.9	0.2	0.8	778.0
Film and video	91.9	35.2	0.1	127.1
Multimedia	5.5	0.5	n.a.	6.0
Administration of culture	22.1	18.8	23.3	64.2
Community cultural activities	24.4	13.9	12.8	51.1
Other culture n.e.c.	16.7	5.4	8.5	30.6
<b>Total</b>	<b>1 288.2</b>	<b>1 368.5</b>	<b>790.7</b>	<b>3 447.5</b>

Source: *Cultural Funding in Australia 1996–97* (4183.0).

### 12.3 PERSONS INVOLVED IN SPORT—March 1997

Age group (years)	Males		Females	
	All players(a) %	Non-players %	All players(a) %	Non-players %
15–24	57.9	1.3	40.0	1.4
25–34	42.7	2.6	25.7	2.8
35–44	32.8	7.8	17.6	8.8
45–54	25.2	6.7	14.3	5.5
55–64	23.2	3.9	14.8	2.0
65+	22.2	1.5	12.9	0.3
<b>Total</b>	<b>35.7</b>	<b>4.1</b>	<b>21.5</b>	<b>3.6</b>

(a) Includes players who have some non-playing involvement.

Source: *Involvement in Sport, Australia, March 1997* (6285.0).

**13.1 GROSS PRODUCT AND PERSONS EMPLOYED, By Industry—1996–97**

Industry	Gross product (GDP(P))		Employment(a)	
	\$m	Contribution to GDP(P) %	'000	Contribution to total employment %
Agriculture, forestry and fishing	18 218	4.0	427	5.2
Mining	19 307	4.3	87	1.0
Manufacturing	61 138	13.6	949	11.5
Electricity, gas and water	14 271	3.2	67	0.8
Construction	28 177	6.3	603	7.3
Wholesale trade	45 974	10.2	492	6.0
Retail trade	31 638	7.0	1 238	15.0
Accommodation, cafes and restaurants	8 281	1.8	399	4.8
Transport and storage	25 334	5.6	389	4.7
Communication services	17 625	3.9	155	1.9
Finance and insurance	26 065	5.8	317	3.8
Property and business services	36 989	8.2	828	10.0

(a) Estimates are entirely based on the Labour Force Survey in all industries except for Manufacturing, the estimates for which are based on the annual data from the Censuses of Manufacturing establishments. As a result, the sum of employment in each industry differs from the total shown.

...continued

### 13.1 GROSS PRODUCT AND PERSONS EMPLOYED, By Industry—1996–97—continued

Industry	Gross product (GDP(P))		Employment(a)	
	\$m	Contribution to GDP(P) %	'000	Contribution to total employment %
Government administration and defence	15 471	3.4	427	5.2
Education	19 180	4.3	582	7.0
Health and community services	23 465	5.2	772	9.4
Cultural and recreational services	9 141	2.0	192	2.3
Personal and other services	8 238	1.8	317	3.8
Ownership of dwellings	44 124	9.8	—	—
Import duties	5 935	1.3	—	—
Less imputed bank service charge	9 844	2.2	—	—
<b>Total</b>	<b>448 726</b>	<b>100.0</b>	<b>8 456</b>	<b>100.0</b>

(a) Estimates are entirely based on the Labour Force Survey in all industries except for Manufacturing, the estimates for which are based on the annual data from the Censuses of Manufacturing establishments. As a result, the sum of employment in each industry differs from the total shown.

Source: *Unpublished data, National Income, Expenditure and Product, 1996–97.*

**13.2 INDUSTRY PERFORMANCE RATIOS(a)—1996–97**

Industry	Profit margin %	Return on assets %	Long-term debt to equity times	Interest coverage times	Investment rate %
Agriculture, forestry and fishing	10.3	2.3	0.1	2.7	63.1
Mining	16.3	7.9	n.a.	n.a.	n.a.
Manufacturing	6.9	8.2	0.5	5.0	18.9
Electricity, gas and water	11.0	2.8	n.a.	n.a.	n.a.
Construction	4.3	9.1	1.0	4.3	10.2
Wholesale trade	3.1	7.7	0.4	4.2	12.3
Retail trade	2.8	10.4	0.7	3.8	12.7
Accommodation, cafes and restaurants	6.8	6.1	0.7	3.3	28.7
Transport and storage	2.8	2.3	0.7	1.9	27.3
Communication services	7.9	5.0	0.6	3.5	89.3
Finance and insurance	32.0	3.2	..	2.0	..
Property and business services	12.4	5.8	0.7	3.0	15.5
Private community services(b)	11.1	13.1	0.5	9.2	14.6
Cultural and recreational services	4.3	3.0	0.8	2.6	88.1
Personal and other services	12.2	9.5	0.2	8.3	17.1
<b>All industries</b>	<b>9.0</b>	<b>4.5</b>	<b>0.3</b>	<b>2.6</b>	<b>24.9</b>

(a) Includes private employing and public trading businesses, but excludes non-employing businesses and entities in the general government sector. (b) Includes private education, health services and community services businesses, but excludes those in the public sector.

Source: *Business Operations and Industry Performance, Preliminary (8142.0)*.



### 13.3 NUMBER OF BUSINESSES(a), By Employment Category of Business

	1996-97 '000	Change from 1995-96 %	Average annual rate of growth 1986-87 to 1996-97 %
Employment category			
Non-employing businesses	409.1	-4.5	2.1
1-9 employees	439.3	5.2	4.5
10-19 employees	46.1	-3.6	2.3
20-99 employees	29.1	-3.0	2.1
100 or more employees	5.9	5.4	2.3
<b>Total</b>	<b>929.5</b>	<b>0.0</b>	<b>3.2</b>

(a) Excludes public trading and general government entities, and businesses in the Agriculture, fishing and forestry industries.

Source: Unpublished data, Survey of Employment and Earnings; unpublished data, Labour Force Survey.

### 14.1 FUNDING FOR NATIONAL GREENHOUSE STRATEGY

	\$m
Residential	
Cities for Climate Protection	13.0
Household Greenhouse Action	2.2
Industry	
Extension and expansion of the Greenhouse Challenge Office	27.1
Energy performance codes and standards	
Domestic appliances and industrial equipment	4.4
Housing and commercial buildings	4.4
Industry efficiency benchmarking and best practice	10.3
Transport	
Environment Strategy for Automotive Industry	0.5
Compressed natural gas infrastructure	3.8
Ethanol Pilot Plant (funding previously announced)	2.0
Energy	
Accelerating energy market reform	5.6
Efficiency standards for power generation	4.1
Uptake of renewable energy in power stations	3.8

...continued

### 14.1 FUNDING FOR NATIONAL GREENHOUSE STRATEGY—*continued*

	\$m
Renewable Energy	
Renewable Energy Innovation Investment Fund	21.0
Loans and grants	29.6
Renewable Energy Showcase	10.5
Internet site	0.3
International	
Activities implemented jointly	6.0
Revegetation, plantations and land-use	
Plantations—2020 vision	1.9
Bush for Greenhouse	5.5
National Carbon Accounting System	12.5
Reducing methane emissions from livestock	1.0
Government operations	
Energy efficiency improvement in Commonwealth operations	0.0
Institutional Arrangement	
Establishment of the Commonwealth Greenhouse Office	0.0
Other measures	
Funding for other National Greenhouse Strategy measures	10.5
<b>Total funding</b>	<b>180.0</b>

*Source: Statement by the Prime Minister of Australia, The Hon. John Howard MP, "Safeguarding The Future: Australia's response to Climate Change", 20 November 1997.*

## 14.2 ENVIRONMENTAL CONCERNS

	1994 %	1996 %	1998 %
Air pollution	34.1	30.9	32.4
Ocean pollution	26.7	23.8	24.1
Freshwater pollution	25.5	23.7	26.7
Destruction of trees/ecosystems/deforestation	25.6	23.6	21.7
Garbage/rubbish disposal	15.7	14.0	14.7
Ozone layer	17.1	10.9	13.4
Destruction of animals/wildlife/extinction of species	13.3	9.1	9.6
Other pollution	9.1	8.8	4.5
Toxic chemical/hazardous waste	11.9	8.6	11.5
Nuclear testing/weapons	6.7	7.6	7.0
Greenhouse effect	8.8	6.3	10.1
Urban development/overpopulation	7.8	5.9	n.a.
Urban development	n.a.	n.a.	5.5
Overpopulation	n.a.	n.a.	3.3
Other	5.7	5.5	3.9
Uranium mining/use/radioactive materials	3.6	5.1	5.4
Use of pesticides	7.0	4.2	6.4

Source: *Environmental Issues: People's Views and Practices (4602.0)*.

### 14.3 ESTIMATES OF ENVIRONMENT PROTECTION EXPENDITURES

	1993-94 \$m	1994-95 \$m	1995-96 \$m
Public sector			
Sanitation and protection of the environment	1 769.0	2 102.0	2 299.0
Other identified environment protection expenditures	1 172.1	1 237.5	1 298.9
Gas and electricity utilities	136.6	154.2	158.1
<i>Total public sector</i>	<i>3 077.7</i>	<i>3 493.7</i>	<i>3 756.0</i>
Private sector			
Agriculture	112.1	177.5	191.5
Mining	185.9	200.9	250.7
Manufacturing	701.5	513.4	825.9
Service and other industries	451.1	646.0	726.4
Household sector	1 978.0	1 958.2	2 125.1
<i>Total private sector</i>	<i>3 428.6</i>	<i>3 496.0</i>	<i>4 119.6</i>
<b>Total public and private sectors</b>	<b>6 506.3</b>	<b>6 989.7</b>	<b>7 875.6</b>

Source: Environment Protection Expenditure, Australia (4603.0).

**14.4 RESOURCES DEVOTED TO RESEARCH AND DEVELOPMENT—1996–97**

	Government		Non-government		Total	
	\$m	Person years	\$m	Person years	\$m	Person years
Defence	234.0	2 006	200.6	1 133	434.6	3 139
Economic development	1 132.0	10 285	4 184.1	31 753	5 316.2	43 038
Society	249.3	3 502	847.5	13 222	1 096.7	16 724
Advancement of knowledge	62.5	530	1 125.4	21 288	1 187.9	21 817
Environment						
Environmental knowledge	280.8	2 072	144.5	2 258	425.3	4 329
Environmental aspects of economic development	94.2	821	59.3	769	153.4	1 590
Environmental management and other aspects	37.4	302	41.5	578	78.9	880
Total environment	412.4	3 195	245.2	3 604	657.6	6 799
<b>Total</b>	<b>2 090.2</b>	<b>19 518</b>	<b>6 602.8</b>	<b>71 001</b>	<b>8 693.0</b>	<b>90 519</b>

Source: *Research and Experimental Development, All Sector Summary, Australia (8112.0)*.

### 15.1 EMPLOYED PERSONS IN AGRICULTURE AND RELATED SERVICES TO AGRICULTURE, Annual Averages

	Married males '000	All males '000	Married females '000	All females '000	Persons '000
1993	186.7	265.0	100.5	117.3	<b>382.3</b>
1994	180.5	257.6	97.5	118.7	<b>376.3</b>
1995	180.6	259.3	101.5	123.8	<b>383.0</b>
1996	185.1	272.1	99.5	122.1	<b>394.2</b>
1997	190.6	276.7	102.8	126.3	<b>403.0</b>

Source: Unpublished data, Labour Force Survey.

## 15.2 GROSS VALUE OF AGRICULTURAL COMMODITIES PRODUCED

Commodity	1994-95 \$m	1995-96p \$m	1996-97p \$m
Crops			
Barley for grain	622.2	1 276.4	1 306.1
Oats for grain	165.8	289.4	226.7
Wheat for grain	2 127.2	4 304.6	4 878.0
Other cereal grains	580.2	710.6	764.8
Sugar cane cut for crushing	1 207.7	1 232.7	1 186.4
Fruit and nuts	1 426.3	1 506.3	1 701.2
Grapes	511.1	708.4	721.5
Vegetables	1 491.6	1 629.8	1 663.0
All other crops(a)	2 999.6	3 716.1	3 689.9
<i>Total crops</i>	<i>11 131.7</i>	<i>15 396.7</i>	<i>16 137.6</i>
Livestock slaughterings and other disposals(b)			
Cattle and calves(c)	4 213.5	3 575.9	3 390.1
Sheep and lambs	833.7	1 035.7	1 038.9
Pigs	630.6	597.8	671.1
Poultry	902.0	948.1	1 053.3
<i>Total livestock slaughterings and other disposals(d)</i>	<i>6 615.7</i>	<i>6 192.7</i>	<i>6 190.1</i>

(a) Includes pastures and grasses. Excludes crops for green feed or silage. (b) Includes net exports of livestock.

(c) Includes dairy cattle slaughtered. (d) Includes goat slaughterings.

...continued



## 15.2 GROSS VALUE OF AGRICULTURAL COMMODITIES PRODUCED—continued

Commodity	1994-95 \$m	1995-96p \$m	1996-97p \$m
Livestock products			
Wool	3 317.9	2 548.5	2 621.2
Milk	2 419.1	2 993.5	2 808.9
Eggs	230.6	266.7	274.9
<i>Total livestock products(a)(b)</i>	5 993.7	5 851.4	5 753.6
<b>Total value of agricultural commodities produced</b>	<b>23 750.3</b>	<b>27 451.9</b>	<b>28 089.7</b>

(a) Includes honey and beeswax. (b) Excludes Northern Territory milk and eggs.

Source: *Value of Agricultural Commodities Produced, Australia (7503.0)*, *Value of Principal Agricultural Commodities Produced, Australia, Preliminary (7501.0)*.

### 15.3 FARM BUSINESSES, Selected Financial Aggregates

	1994-95 \$m	1995-96 \$m	1996-97 \$m
Sales from crops	9 804.2	13 159.6	13 581.2
Sales from livestock	6 279.1	6 339.7	5 964.7
Sales from livestock products	5 596.3	4 975.1	5 403.3
Turnover	23 516.3	26 724.9	27 122.3
Purchases and selected expenses	13 517.0	14 948.6	15 692.3
Value added(a)	9 768.1	11 185.3	10 797.4
Adjusted(b) value added(a)	8 234.3	9 552.5	9 103.2
Gross operating surplus(a)	6 006.0	7 176.6	6 588.3
Interest paid	1 508.9	1 666.7	1 719.9
Cash operating surplus(c)	4 835.7	6 429.3	5 906.3
Net capital expenditure	2 090.8	2 307.9	2 480.7
Gross indebtedness	18 267.7	19 592.7	20 464.2

(a) Includes an estimate for the increase (or decrease) in the value of livestock. (b) The estimate of value added less the estimates of rates and taxes, insurance payments and other expenses. (c) Excludes an estimate for the increase (or decrease) in the value of livestock.

Source: *Agricultural Industries, Financial Statistics, Australia (7507.0)*.

## 15.4 AGRICULTURAL LAND UTILISATION IN AUSTRALIA

31 March	Area of			Total	
	Crops(a) mill. ha	Sown pastures and grasses mill. ha	Balance(b) mill. ha	Area of establishments with agricultural activity mill. ha	% of Australian land area (769 203 000 ha) %
1995	17.0	6.1	410.2	463.3	60.2
1996	19.4	17.1	428.7	465.2	60.5
1997	21.1	19.0	426.1	466.2	60.6

(a) Excludes pastures and grasses harvested for hay and seed which have been included in 'sown pastures and grasses'. (b) Includes areas of arid or rugged land held under grazing licences but not always used for grazing, and also variable amounts of fallow land.

Source: AgStats (7117.0).

## 15.5 AREA OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY

31 March	NSW mill. ha	Vic. mill. ha	Qld mill. ha	SA mill. ha	WA mill. ha	Tas. mill. ha	NT mill. ha	Aust. (incl. ACT) mill. ha
1995	60.3	12.7	149.7	56.1	114.0	1.9	68.6	<b>463.3</b>
1996	61.0	12.8	149.7	56.9	114.5	1.9	68.3	<b>465.2</b>
1997	60.9	12.7	151.1	56.2	112.5	1.9	70.8	<b>466.2</b>

Source: AgStats (7117.0).

**15.6 SELECTED CROPS, Area, Production and Gross Value**

Crop	1995-96			1996-97		
	Area '000 ha	Production '000 t	Gross value \$m	Area '000 ha	Production '000 t	Gross value \$m
Cereals for grain						
Barley	3 111	5 823	1 276	3 367	6 696	1 306
Grain sorghum	770	1 592	320	544	1 425	257
Maize	56	311	69	67	398	80
Oats	1 136	1 875	289	1 052	1 653	227
Rice	137	966	226	152	1 255	310
Wheat	9 221	16 504	4 305	10 936	22 924	4 878
Lupins for grain	1 323	1 559	279	1 259	1 522	250
Crops for hay						
Oats	346	1 370	169	n.a.	n.a.	n.a.
Wheat	22	62	8	n.a.	n.a.	n.a.
Sugar cane cut for crushing	377	35 889	1 169	390	38 633	1 186
Tobacco	3	8	46	3	9	54
Seed cotton	315	923	1 003	378	1 485	1 342
Peanuts (in shell)	21	38	28	24	47	35
Soybean	24	45	18	39	74	31

...continued

**15.6 SELECTED CROPS, Area, Production and Gross Value—continued**

Crop	1995–96			1996–97		
	Area '000 ha	Production '000 t	Gross value \$m	Area '000 ha	Production '000 t	Gross value \$m
Canola	377	557	208	407	623	239
Sunflower	82	68	25	139	143	47
Orchard fruit						
Oranges	n.a.	442	220	n.a.	523	264
Apples	n.a.	280	305	n.a.	353	393
Pears (excluding Nashi)	n.a.	156	91	n.a.	168	106
Peaches	n.a.	60	50	n.a.	72	60
Other fruit						
Bananas	9	220	225	10	200	217
Pineapples	3	128	36	3	123	39
Grapes	81	1 087	714	90	943	722
Vegetables						
Carrots	8	250	136	7	257	142
Potatoes	42	1 308	414	41	1 286	449
Tomatoes	9	371	176	9	393	177
<b>Total all crops (excluding pastures and grasses)</b>	<b>19 409</b>	<b>..</b>	<b>14 603</b>	<b>18 930</b>	<b>..</b>	<b>15 659</b>

Source: AgStats (7117.0), Value of Agricultural Commodities Produced, Australia (7503.0).

### 15.7 VITICULTURE, Area, Production and Value

Year	Area		Production of grapes used for(a)		Total production(b)	
	Bearing '000 ha	Total '000 ha	Winemaking '000 t fresh weight	Drying '000 t fresh weight	Quantity '000 t fresh weight	Gross value \$m
1994-95	63	73	578	147	769	511.1
1995-96	65	81	782	248	1 087	714.3
1996-97	72	90	743	136	943	721.5

(a) Excludes the Northern Territory and the Australian Capital Territory. (b) Includes grapes used for table and other purposes.

Source: *Value of Agricultural Commodities Produced, Australia (7503.0)*.

### 15.8 PRODUCTION OF MEAT(a)

Year	Carcass weight						Dressed weight(b)(c)	
	Beef '000 t	Veal '000 t	Mutton '000 t	Lamb '000 t	Pig meat '000 t	Total meat '000 t	Total all chickens '000 t	Total poultry(d) '000 t
1995-96	1 711	34	310	265	334	2 653	481	516
1996-97	1 777	38	298	275	326	2 715	496	532
1997-98p	1 913	44	335	281	343	2 916	550	—

(a) Excludes offal. (b) Excludes Tasmania, the Northern Territory and the Australian Capital Territory. (c) Dressed weight of whole birds, pieces and giblets. (d) Includes other fowls, turkeys, ducks and drakes.

Source: *Livestock Products, Australia (7215.0)*.

## 15.9 SHEARING, WOOL PRODUCTION AND VALUE

Year	Wool production					
	Sheep and lambs shorn millions	Average fleece weight kg	Total wool			Gross value(b) \$m
			Shorn wool '000 t	Other wool(a) '000 t	Quantity '000 t	
1994-95	155.3	4.37	677.9	48.5	726.4	3 319.3
1995-96	146.7	4.46	659.8	43.6	703.4	2 559.7
1996-97	156.4	4.37	681.5	46.7	728.2	2 621.2

(a) Comprises dead and fellmongered wool, and wool exported on skins. (b) Gross value is based for shorn wool upon the average price realised for greasy wool sold at auction and, for skin wools, on prices recorded by fellmongers and skin exporters.

Source: *Value of Agricultural Commodities Produced, Australia (7503.0); Livestock Products, Australia (7215.0)*.

### 15.10 APPARENT PER CAPITA CONSUMPTION OF FOODSTUFFS

Commodity	Units	Average three years ended 1988-89	1995-96	1996-97
Meat (carcass equivalent weight)				
Beef	kg	38.3	34.1	37.7
Veal	kg	1.7	1.7	1.8
Beef and veal	kg	40.0	35.5	39.4
Lamb	kg	14.9	11.1	11.1
Mutton	kg	7.3	5.5	6.5
Pigmeat	kg	17.5	18.1	17.5
Total meat	kg	79.8	70.2	74.5
Offal and meat, n.e.i.	kg	3.1	1.5	1.4
Total meat and meat products (carcass equivalent weight)	kg	82.8	71.7	75.9
Canned meat (canned weight)	kg	n.a.	n.a.	n.a.
Bacon and ham (cured carcass weight)	kg	6.9	8.2	8.4
Poultry (dressed weight)	kg	24.1	28.3	28.4

...continued



**15.10 APPARENT PER CAPITA CONSUMPTION OF FOODSTUFFS—continued**

Commodity	Units	Average three years ended 1988–89	1995–96	1996–97
Milk and milk products				
Market milk (fluid whole litres)	L	101.7	104.2	104.2
Cheese (natural equivalent weight)	kg	8.8	10.5	10.7
Oils and fats				
Butter	kg	3.2	2.9	2.7
Margarine	kg	9.0	7.9	6.6
Table margarine	kg	6.8	5.4	4.7
Other margarine	kg	2.2	2.5	1.9
Beverages				
Tea	kg	1.2	0.9	0.8
Coffee	kg	2.0	2.2	2.0
Aerated and carbonated waters	L	87.4	115.2	114.4
Beer	L	113.1	95.3	94.7
Wine	L	20.2	18.3	19.0
Spirits (litres alcohol)	L	1.2	1.4	1.3

Source: *Apparent Consumption of Foodstuffs, Australia (4306.0)*.

### 16.1 WOOD AND PAPER PRODUCT MANUFACTURING INDUSTRIES, Summary of Operations—1995–96

Species group	Employment at 30 June(a) '000	Wages and salaries(b) \$m	Turnover \$m
Log sawmilling and timber dressing			
Log sawmilling	7.6	191.0	798.5
Wood chipping	0.9	32.7	454.8
Timber resawing and dressing	6.2	185.9	994.7
<i>Total</i>	14.6	409.5	2 248.0
Other wood product manufacturing			
Plywood and veneer manufacturing	1.6	45.1	239.4
Fabricated wood manufacturing	4.2	154.6	881.8
Wooden structural component manufacturing	15.9	370.5	1 764.2
Wood product manufacturing n.e.c.	6.7	135.7	582.9
<i>Total</i>	28.5	705.9	3 468.3

(a) Includes working proprietors. (b) Excludes the drawings of working proprietors.

...continued

### 16.1 WOOD AND PAPER PRODUCT MANUFACTURING INDUSTRIES, Summary of Operations—1995–96—*continued*

Species group	Employment at 30 June(a) '000	Wages and salaries(b) \$m	Turnover \$m
Paper and paper product manufacturing			
Pulp, paper and paperboard manufacturing	5.8	268.7	2 462.2
Solid paperboard container manufacturing	2.4	85.7	481.3
Corrugated paperboard container manufacturing	5.5	239.7	1 498.3
Paper bag and sack manufacturing	0.9	34.3	209.5
Paper product manufacturing n.e.c.	3.3	125.9	773.4
<i>Total</i>	17.9	754.3	5 424.8
<b>Total wood and paper product manufacturing</b>	<b>61.0</b>	<b>1 869.7</b>	<b>11 141.1</b>

(a) Includes working proprietors. (b) Excludes the drawings of working proprietors.

Source: *Manufacturing Industry, Australia* (8221.0).

## 16.2 PRODUCTION OF WOOD AND SELECTED WOOD PRODUCTS

Commodity	Quantity	1994-95	1995-96	1996-97
Sawn Australian grown timber				
Coniferous	'000 m <sup>3</sup>	2 121	2 053	2 062
Broadleaved	'000 m <sup>3</sup>	1 570	1 391	1 321
Total	'000 m <sup>3</sup>	3 691	3 445	3 383
Hardwood woodchips(a)	'000 t	5 437	4 827	4 779
Railway sleepers	'000 m <sup>3</sup>	84	86	72
Plywood	'000 m <sup>3</sup>	145	131	151
Unlaminated particle board(a)	'000 m <sup>3</sup>	864	826	790
Medium density fibreboard	'000 m <sup>3</sup>	436	377	434
Wood pulp(a)	'000 t	1 009	986	949
Paper and paperboard				
Newsprint(a)	'000 t	444	445	421
Printing and writing	'000 t	365	351	364
Household and sanitary	'000 t	173	180	181
Packaging and industrial	'000 t	1 312	1 344	1 452

(a) Excludes production of small single establishment management units with fewer than four persons employed, and establishments engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing.

Source: Unpublished data, Australian Bureau of Statistics and Australian Bureau of Agricultural and Resource Economics.

### 16.3 GROSS VALUE OF SELECTED MAJOR FISHERIES CATEGORIES

	1994-95 \$m	1995-96 \$m	1996-97(a) \$m
Prawns	368	366	344
Rock lobster	450	372	409
Tuna	130	85	94
Other fin fish	336	358	360
Abalone	145	142	140
Scallops	64	71	53
Oysters	48	52	53
Pearls	143	121	171
Other(b)	130	132	137
<b>Total</b>	<b>1 812</b>	<b>1 700</b>	<b>1 761</b>

(a) Estimate only. (b) Other fisheries production not elsewhere included.

Source: Australian Bureau of Agricultural and Resource Economics.

**16.4 AUSTRALIAN FISHERIES PRODUCTION, By Category(a)**

	1994-95 tonnes	1995-96 tonnes	1996-97 tonnes
Fish			
Tuna	8 682	9 240	12 834
Other	127 489	125 778	113 991
<i>Total</i>	<i>136 171</i>	<i>135 018</i>	<i>126 825</i>
Crustaceans			
Prawns	27 965	29 186	27 856
Rock lobster	16 266	15 781	15 736
Other	7 871	8 060	7 469
<i>Total</i>	<i>52 102</i>	<i>53 027</i>	<i>51 061</i>
Molluscs			
Abalone	5 204	5 408	5 109
Scallops	15 415	15 929	9 102
Oysters	9 426	10 061	10 444
Other	7 464	6 752	8 025
<i>Total</i>	<i>37 509</i>	<i>38 149</i>	<i>32 680</i>
<b>Total</b>	<b>225 781</b>	<b>226 195</b>	<b>210 567</b>

(a) Includes an estimate for aquaculture production, but excludes production from inland commercial fisheries.

Source: Australian Bureau of Agricultural and Resource Economics.

**16.5 DESTINATION OF EXPORTS OF AUSTRALIAN FISHERIES PRODUCTS(a)**

Country	1994-95		1995-96		1996-97	
	\$m	%	\$m	%	\$m	%
Japan	556	41.0	491	37.4	447	34.6
Hong Kong	269	19.8	234	17.8	236	18.3
Taiwan	203	15.0	219	16.7	217	16.8
USA	74	5.5	64	4.9	76	5.9
China	6	0.5	21	1.6	53	4.1
Singapore	41	3.0	45	3.5	40	3.1
New Zealand	8	0.6	11	0.8	12	0.9
Spain	14	1.0	15	1.1	10	0.8
South Korea	10	0.7	13	1.0	10	0.8
Thailand	13	1.0	13	1.0	8	0.6
Switzerland	7	0.5	8	0.6	8	0.6
Germany	4	0.3	6	0.4	8	0.6
France	13	1.0	13	1.0	4	0.3
Other	136	10.1	159	12.1	162	12.6
<b>Total</b>	<b>1 358</b>	<b>100.0</b>	<b>1 312</b>	<b>100.0</b>	<b>1 290</b>	<b>100.0</b>

(a) Includes non-edible products (e.g. marine fats and oils, fish meal, pearls and ornamental fish).

Source: *International Trade database*.

### 17.1 MINING, Summary of Operations by Industry—1995–96

	Employment at 30 June(a) no.	Wages and salaries(b) \$m	Turnover(c) \$m	Stocks		Purchases and selected expenses \$m	Value added \$m	Net capital expend- iture \$m
				Open \$m	Close \$m			
Coal mining	26 017	2 011	10 281	742	818	4 820	5 537	1 193
Oil and gas extraction	651	329	8 039	242	263	747	7 312	1 441
Metal ore mining								
Iron ore mining	6 040	405	3 522	303	329	1 262	2 287	465
Bauxite mining	1 792	95	995	58	77	301	712	160
Copper ore mining	2 676	146	1 313	158	159	477	837	232
Gold ore mining	8 114	451	4 622	476	566	2 551	2 160	754

For footnotes see end of table.

...continued



### 17.1 MINING, Summary of Operations by Industry—1995–96—continued

	Employment at 30 June(a) no.	Wages and salaries(b) \$m	Turnover(c) \$m	Stocks		Purchases and selected expenses \$m	Value added \$m	Net capital expend- iture \$m
				Open \$m	Close \$m			
Metal ore mining —continued								
Mineral sand mining	1 949	91	781	138	160	383	420	203
Silver-lead-zinc ore mining	3 496	223	1 145	123	140	583	578	140
Other(d)	2 427	157	1 386	287	277	591	784	275
Total metal ore mining	26 494	1 567	13 764	1 545	1 707	6 149	7 778	2 228
<b>Total mining 1995–96</b>	<b>56 810</b>	<b>3 907</b>	<b>32 084</b>	<b>2 529</b>	<b>2 789</b>	<b>11 716</b>	<b>20 628</b>	<b>4 862</b>
Total mining 1994–95	55 014	3 594	28 882	2 517	2 508	10 219	18 654	4 654

(a) Includes working proprietors. (b) Excludes amounts drawn by working proprietors. (c) Includes transfers out to other establishments of the same management unit where appropriate. (d) Includes nickel ores, tin ores, uranium ores and non-ferrous metal ores n.e.c.

Source: Australian Mining Industry (8414.0).

**17.2 MINERAL PRODUCTION, Selected Minerals, Australia**

	Units	1993-94	1994-95	1995-96
<b>Metallic minerals</b>				
Bauxite	kt	43 306	45 384	50 724
Copper concentrate(a)	kt	1 322	9 405	1 297
Copper precipitate(b)	t	16 192	18 888	19 838
Gold bullion (dore)(c)	kg	274 687	298 697	291 965
Iron ore(d)	kt	123 631	137 525	137 267
Lead concentrate	kt	873	766	774
Manganese ore(e)	kt	815	n.p.	1 298
Mineral sands(f)	kt	2 252	2 375	2 491
Uranium concentrate (U308)(a)	t	1 457	n.a.	3 200
Zinc concentrate(g)	kt	1 890	1 699	1 295
Total value of metallic minerals	\$m	(h)10 861	(h)11 715	12 708
<b>Coal</b>				
Black coal	kt	177 874	191 903	194 492
Brown coal	kt	49 684	50 679	54 281
Total value of coal	\$m	(i)(j)7 418	(i)(j)7 340	(j)8 006

For footnotes see end of table.

...continued

**17.2 MINERAL PRODUCTION, Selected Minerals, Australia—continued**

	Units	1993–94	1994–95	1995–96
Oil and gas				
Crude oil(k)	ML	29 583	31 301	30 763
Natural gas(l)	GL	15 959	17 486	19 169
Ethane	GL	202	208	199
Propane(m)	ML	2 115	1 999	2 092
Butane(m)	ML	1 622	1 480	1 544
Liquefied natural gas	kt	5 732	6 888	7 346
Total value of oil and gas	\$m	7 423	7 683	8 070
<b>Total value of metallic minerals, coal, oil and gas</b>	<b>\$m</b>	<b>25 702</b>	<b>26 738</b>	<b>28 784</b>

(a) Excludes South Australia. (b) Includes copper concentrate in other forms. (c) Includes alluvial gold. (d) Includes iron ore pellets. (e) Metallurgical grade. (f) Includes ilmenite, beneficiated ilmenite, leucoxene, monazite, rutile, synthetic rutile and zircon. (g) Includes zinc-lead concentrate. (h) Includes Tasmanian coal production. (i) Excludes Tasmania. (j) Excludes briquettes. (k) Stabilised. Includes condensate. (l) Includes field and plant usage. (m) Excludes refinery production.

Source: Australian Mining Industry (8414.0).

### 17.3 PRODUCTION(a) OF PRINCIPAL MANUFACTURED PRODUCTS OF MINERAL ORIGIN

	Units	1993-94	1994-95	1995-96
Metals(b)				
Non-ferrous				
Alumina	'000 t	12 761	12 940	13 293
Refined aluminium	'000 t	1 384	1 285	1 331
Refined copper	'000 t	351	281	300
Lead bullion (for export)(c)	'000 t	208	177	181
Refined lead	'000 t	220	205	224
Refined zinc	'000 t	316	312	330
Refined tin	t	190	455	550
Ferrous				
Pig iron	'000 t	7 209	7 449	7 554
Precious				
Refined gold(d)	kg	307 336	296 626	317 950
Refined silver	t	379	349	350

For footnotes see end of table.

...continued

### 17.3 PRODUCTION(a) OF PRINCIPAL MANUFACTURED PRODUCTS OF MINERAL ORIGIN—*continued*

	Units	1993-94	1994-95	1995-96
Fuels				
Petroleum products				
Diesel automotive oil	ML	11 063	11 365	12 202
Industrial and marine fuel	ML	95	129	78
Fuel oil	ML	2 263	2 431	1 998
Petrol	ML	17 724	17 911	18 358
Building materials				
Clay bricks	millions	1 814	1 860	1 455
Portland cement	'000 t	6 733	7 124	6 397
Chemicals				
Sulphuric acid	'000 t	833	n.a.	n.a.
Superphosphate	'000 t	1 344	1 590	1 697

(a) Some products exclude production of single establishment manufacturing businesses employing less than four persons and production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. (b) Excludes secondary metal with the exception of basic iron. (c) Metallic content. (d) Newly won gold of Australian origin.

Source: Australian Bureau of Agricultural and Resource Economics (non-ferrous, precious metals and petroleum products only).

### 17.4 PRIVATE MINERAL EXPLORATION EXPENDITURE (Other than for Petroleum), By State/Territory

State/Territory	1994-95 \$m	1995-96 \$m	1996-97 \$m
New South Wales	79.2	80.4	94.1
Victoria	31.2	42.6	51.8
Queensland	176.0	181.0	160.7
South Australia	20.9	24.1	35.1
Western Australia	495.5	519.5	691.7
Tasmania	14.9	18.8	26.0
Northern Territory	75.8	93.9	88.9
<b>Australia</b>	<b>893.3</b>	<b>960.3</b>	<b>1 148.6</b>

Source: Actual and Expected Private Mineral Exploration, Australia (8412.0).

### 17.5 PRIVATE PETROLEUM EXPLORATION EXPENDITURE

	1994-95 \$m	1995-96 \$m	1996-97 \$m
Onshore	170.8	174.8	251.9
Offshore	511.7	550.3	601.0
<b>Total</b>	<b>682.5</b>	<b>725.1</b>	<b>853.0</b>

Source: Actual and Expected Private Mineral Exploration, Australia (8412.0).

### 17.6 MINERAL ROYALTY RECEIPTS BY GOVERNMENTS(a)

	1993-94 \$'000	1994-95 \$'000	1995-96 \$'000
New South Wales	250 877	263 297	268 164
Victoria(a)	48 564	49 586	47 430
Queensland	301 876	301 798	339 531
South Australia	61 114	52 509	57 273
Western Australia	317 700	337 932	383 605
Tasmania	40 754	47 288	51 639
Northern Territory	28 673	25 848	22 909
Commonwealth Government	103 434	136 432	227 109
<b>Total</b>	<b>1 152 983</b>	<b>1 214 690</b>	<b>1 397 660</b>

(a) Includes royalties on sand and gravel from Crown lands.

Source: Federal, State and Territory departments responsible for mining.

## 18.1 ENERGY PRODUCTION FOR SELECTED COUNTRIES—1995–96

	Unit	Australia	Canada	Japan	Netherlands	United Kingdom	United States
Energy production							
Primary production	mtoe	<b>189.0</b>	357.3	102.5	73.4	269.1	1 687.3
Increase since 1986	%	<b>40.2</b>	49.1	47.3	17.7	8.8	8.4
Nuclear	%	<b>0.0</b>	6.8	76.9	1.5	9.2	11.0
Coal	%	<b>68.7</b>	11.6	3.5	0.0	11.6	32.4
Oil	%	<b>14.6</b>	32.7	0.8	4.4	50.5	23.6
Natural gas	%	<b>13.4</b>	37.8	2.0	93.1	28.2	26.1
Other(a)	%	<b>3.3</b>	11.1	17.0	1.1	0.6	6.8
Energy Consumption							
Final energy consumption	mtoe	<b>66.1</b>	181.9	337.1	59.1	162.4	1 443.5
Increase since 1986	%	<b>31.1</b>	19.9	34.6	16.8	14.8	12.6
Industry	%	<b>39.3</b>	37.6	42.5	34.7	28.3	29.4
Transport	%	<b>39.4</b>	27.9	26.8	22.7	30.9	39.0
Other	%	<b>21.3</b>	34.5	30.7	42.6	40.8	31.6

(a) Includes hydro, geothermal, solar, wind, combustible renewables and waste.

Source: International Energy Agency/Organisation for Economic Co-operation and Development 1998.



## 18.2 AUSTRALIA'S IDENTIFIED ENERGY RESOURCES—1997

	Unit	Demonstrated resources		Inferred resources	Production 1997
		Economic	Subeconomic		
Black coal	Gt	51	4	very large	0.27
Brown coal	Gt	41	3	166	0.06
Crude oil(a)(b)	GL	240	30	n.a.	25.10
Natural gas(a)	TL	1 360	984	n.a.	30.00
LPG(a)(c)	GL	174	77	n.a.	4.10
Shale oil	GL	—	3 619	41 552	—
Uranium	kt	615	93	181	6.50

(a) As at end December 1996. (b) Includes condensates. (c) Naturally occurring.

Source: Bureau of Resource Sciences; Australian Bureau of Agricultural and Resource Economics, 1997.

### 18.3 ENERGY PRODUCTION, By Fuel Type

	1995-96		1996-97	
	Petajoules	%	Petajoules	%
Black coal	5 279.0	48.6	5 580.0	47.6
Brown coal	522.0	4.8	559.1	4.8
Uranium	2 399.4	22.0	2 817.7	24.1
Crude oil	1 120.3	10.3	1 148.8	9.8
Natural gas	1 200.8	11.0	1 219.1	10.4
LPG	96.7	0.9	100.4	0.9
Renewables	258.3	2.4	284.9	2.4
<b>Total</b>	<b>10 877.1</b>	<b>100.0</b>	<b>11 710.0</b>	<b>100.0</b>

Source: Australian Bureau of Agricultural and Resource Economics, 1998.

### 18.4 EXPORTS OF ENERGY PRODUCTS

	1995-96		1996-97		1997-98	
	\$m	Total exports %	\$m	Total exports %	\$m	Total exports %
Coal, whether or not pulverised but not agglomerated	7 775	10.2	7 958	10.1	9 562	10.9
Petroleum oils and oils obtained from bituminous minerals, crude	1 593	2.1	1 883	2.4	1 972	2.2
Petroleum products	1 596	2.1	1 922	2.4	2 008	2.3
Gas, natural and manufactured	1 562	2.1	1 895	2.4	1 968	2.2
Ores and concentrates of uranium or thorium	242	0.3	245	0.3	288	0.3
<b>Total</b>	<b>12 768</b>	<b>16.8</b>	<b>13 903</b>	<b>17.6</b>	<b>15 798</b>	<b>17.9</b>

Source: *International Merchandise Trade, Australia* (5422.0).

## 18.5 ELECTRICITY AND NATURAL GAS CONSUMPTION—1996–97

	NSW(a)	Vic.	Qld	SA	WA	Tas.(b)	NT	ACT	Aust.(c)(d)
Electricity(e) (million kW.h)									
Residential	17 134	9 782	8 188	3 570	3 041	1 849	n.a.	375	44 988
Commercial	36 284	9 107	20 392	2 363	7 678	777	n.a.	1 000	103 367
Industrial	(b)	14 473	(b)	3 465	(b)	6 262	n.a.	(b)	(b)
Traction	(b)	304	(b)	2	—	—	n.a.	—	(b)
Public lighting	252	250	151	89	81	21	n.a.	15	899
<b>Total</b>	<b>53 669</b>	<b>33 915</b>	<b>28 731</b>	<b>9 489</b>	<b>10 799</b>	<b>8 909</b>	<b>2 311</b>	<b>1 390</b>	<b>149 254</b>
Natural gas (TJ)									
Residential	14 714	76 616	1 497	7 536	n.p.	—	2	2 744	103 109
Commercial	11 513	21 786	1 310	3 350	n.p.	—	75	2 209	40 243
Industrial	75 324	77 162	8 975	30 591	n.p.	—	14	99	192 165
<b>Total</b>	<b>101 551</b>	<b>175 564</b>	<b>11 782</b>	<b>41 477</b>	<b>n.p.</b>	<b>—</b>	<b>92</b>	<b>5 052</b>	<b>335 517</b>

(a) For natural gas consumption, excludes the ACT but includes Albury. (b) Natural gas not available in Tasmania. (c) No breakdown of electricity consumption is available from the Australian Capital Territory. The total for Australia is estimated by ESAA. (d) The total for gas consumption excludes Western Australia. (e) Electricity consumption figures do not include internal usage by supply authorities or consumption on unread meters at 30 June. (f) See the figure for 'Commercial'. One figure is given to include both 'Commercial' and 'Industrial'.

Source: Electricity Supply Association of Australia; and the Australian Gas Association, 'Gas Statistics Australia, 1998'.

### 19.1 MANUFACTURING, Summary of Operations By Industry(a)—1996–97

Industry subdivision	Employment at 30 June(a) '000	Wages and salaries(b) \$m	Turnover \$m	Turnover per person employed \$'000
Food, beverage and tobacco manufacturing	164.0	5 610	44 978	274
Textile, clothing, footwear and leather manufacturing	77.0	2 013	9 935	129
Wood and paper product manufacturing	61.5	2 020	11 481	187
Printing, publishing and recorded media	96.7	3 335	14 868	154
Petroleum, coal, chemical and associated product manufacturing	93.4	3 806	32 863	352
Non-metallic mineral product manufacturing	37.1	1 373	8 622	232
Metal product manufacturing	150.2	5 568	37 894	252
Machinery and equipment manufacturing	207.5	7 497	41 260	199
Other manufacturing	57.9	1 412	6 446	111
<b>Total manufacturing</b>	<b>946.3</b>	<b>32 634</b>	<b>208 348</b>	<b>220</b>

(a) Includes working proprietors. (b) Excludes the drawings of working proprietors.

Source: *Manufacturing Industry, Australia* (8221.0).

**19.2 MANUFACTURING INDUSTRY TURNOVER, By State/Territory—1996–97**

Industry subdivision	NSW \$m	Vic. \$m	Qld \$m	SA \$m	WA \$m	Tas. \$m	NT \$m	ACT \$m	Aust. \$m
Food, beverage and tobacco manufacturing	13 339	14 037	8 880	4 084	3 131	1 357	86	65	44 978
Textile, clothing, footwear and leather manufacturing	3 299	4 712	585	761	363	198	9	8	9 935
Wood and paper product manufacturing	3 526	3 415	1 708	910	713	1 140	27	42	11 481
Printing, publishing and recorded media	6 759	4 584	1 436	805	847	181	40	216	14 868
Petroleum, coal, chemical and associated product manufacturing	11 869	11 608	4 749	1 362	3 082	170	21	3	32 863
Non-metallic mineral product manufacturing	2 720	2 085	1 828	605	1 024	241	74	45	8 622
Metal product manufacturing	13 930	8 468	6 500	2 539	4 813	1 015	593	35	37 894
Machinery and equipment manufacturing	10 639	17 559	3 442	6 918	2 183	378	48	94	41 260
Other manufacturing	1 985	2 049	1 092	564	632	63	17	44	6 446
<b>Total manufacturing</b>	<b>68 065</b>	<b>68 515</b>	<b>30 220</b>	<b>18 550</b>	<b>16 789</b>	<b>4 743</b>	<b>916</b>	<b>551</b>	<b>208 348</b>

Source: *Manufacturing Industry, Australia, Preliminary (8221.0)*.

### 19.3 PRIVATE NEW CAPITAL EXPENDITURE IN MANUFACTURING INDUSTRY

Industry subdivision	1995-96 \$m	1996-97 \$m	1997-98 \$m
Food, beverage and tobacco manufacturing	1 895	1 997	2 408
Textile, clothing, footwear and leather manufacturing	271	251	287
Wood and paper product manufacturing	1 112	920	901
Printing, publishing and recorded media	673	587	790
Petroleum, coal, chemical and associated product manufacturing	1 719	1 664	1 578
Non-metallic mineral product manufacturing	756	1 071	880
Metal product manufacturing	2 192	1 501	1 671
Machinery and equipment manufacturing	1 611	2 007	2 125
Other manufacturing	227	199	302
<b>Total manufacturing</b>	<b>10 457</b>	<b>10 198</b>	<b>10 942</b>

Source: *Private New Capital Expenditure, Australia, Actual and Expected Expenditure* (5626.0).

### 19.4 SELECTED COMMODITIES PRODUCED BY MANUFACTURING ESTABLISHMENTS(a)

Commodity	Unit of quantity	1995-96	1996-97	1997-98
Red meat	'000 t	2 652	2 716	2 916
Chicken meat	'000 t	481	497	550
Cheese	'000 t	264	285	n.y.a.
Butter	'000 t	145	147	n.y.a.
Beer(b)	ML	1 743	1 735	1 757
Tobacco and cigarettes	t	20 390	22 193	21 275
Newsprint	'000 t	446	422	402
Wood pulp	'000 t	1 019	949	982
Undressed sawn timber	'000 m <sup>3</sup>	3 444	3 382	n.y.a.
Hardwood woodchips	'000 t	4 828	4 779	5 665
Automotive gasoline	ML	18 358	18 084	18 589
Fuel oil	ML	1 998	1 795	1 662
Aviation turbine fuel	ML	4 882	5 284	5 423
Automotive diesel oil	ML	12 202	12 968	13 183
Portland cement	'000 t	6 397	6 701	7 236
Clay bricks	millions	1 455	1 468	1 532
Ready mixed concrete	'000 m <sup>3</sup>	14 556	15 544	17 412

(a) Data in this table exclude production by single establishment businesses employing fewer than four persons.

(b) Includes ale, stout and porter. Excludes extra light beer containing less than 1.15% by volume of alcohol.

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### 19.4 SELECTED COMMODITIES PRODUCED BY MANUFACTURING ESTABLISHMENTS(a)—continued

Commodity	Unit of quantity	1995-96	1996-97	1997-98
Basic iron, spiegeleisen and sponge iron	'000 t	7 553	7 346	7 928
Blooms and slabs of iron or steel	'000 t	7 951	7 775	8 356
Alumina	'000 t	13 312	13 253	n.y.a.
Zinc	'000 t	330	319	n.y.a.
Silver	'000 t	351	340	n.y.a.
Copper	'000 t	282	305	n.y.a.
Lead	'000 t	223	202	n.y.a.
Tin	'000 t	550	570	n.y.a.
Gold	'000 t	318	327	n.y.a.
Electricity	million kW.h	167 544	168 415	179 239
Gas(b)	PJ	621	636	649

(a) Data in this table exclude production by single establishment businesses employing fewer than four persons.

(b) Available for issue through mains. Includes natural gas.

Source: *Manufacturing Production, Australia* (8301.0).

### 20.1 CONSTRUCTION ACTIVITY, By Type of Activity, At Average 1989–90 Prices

Financial year	Residential building \$m	Non-residential building \$m	Engineering construction \$m	Total construction \$m
1993–94	16 676	9 112	11 509	<b>37 295</b>
1994–95	17 402	10 215	11 791	<b>39 409</b>
1995–96	14 458	11 616	12 921	<b>38 996</b>
1996–97	14 391	12 894	13 309	<b>40 594</b>
1997–98	17 156	13 035	14 832	<b>45 023</b>

Source: *Building Activity, Australia* (8752.0); *Engineering Construction Activity, Australia* (8762.0).

## 20.2 RESIDENTIAL BUILDING, By Public/Private Sector—1997–98

	New houses no.	New other residential dwelling units no.	Conversions, etc. no.
Private sector			
Approved	104 474	42 593	3 865
Commenced	98 696	39 802	3 759
Completed	92 499	33 999	3 345
Public sector			
Approved	2 517	2 963	49
Commenced	1 921	2 894	59
Completed	1 765	2 676	188
Total			
Approved	106 991	45 556	3 914
Commenced	100 617	42 696	3 818
Completed	94 264	36 675	3 533

Source: *Building Approvals, Australia* (8731.0); *Building Activity, Australia* (8752.0).

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**20.3 VALUE OF RESIDENTIAL BUILDING—1997–98**


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	Approved \$m	Work done \$m
New residential buildings		
New houses	11 904	11 176
New other residential buildings	4 640	4 510
<i>Total new residential buildings</i>	<i>16 544</i>	<i>15 686</i>
Alterations and additions to residential buildings(a)	3 004	3 000

(a) Valued at \$10,000 or more.

Source: *Building Approvals, Australia* (8731.0); *Building Activity, Australia* (8752.0).

## 20.4 VALUE OF NON-RESIDENTIAL BUILDING

	1996-97		1997-98	
	Approved \$m	Work done \$m	Approved \$m	Work done \$m
Hotels, etc.	913	1 003	1 336	1 054
Shops	2 180	2 126	2 025	2 288
Factories	1 133	1 241	993	1 012
Offices	2 293	1 878	2 507	2 123
Other business premises	1 628	1 789	2 122	1 974
Educational	1 407	1 374	1 369	1 380
Religious	56	78	80	89
Health	982	906	1 774	1 280
Entertainment and recreational	1 321	1 603	1 496	1 369
Miscellaneous	817	762	744	692
<b>Total non-residential building(a)</b>	<b>12 730</b>	<b>12 755</b>	<b>14 446</b>	<b>13 259</b>

(a) Valued at \$50,000 or more.

Source: *Building Approvals, Australia* (8731.0); *Building Activity, Australia* (8752.0).

## 20.5 VALUE OF ENGINEERING CONSTRUCTION WORK DONE, Public/Private Sector and Nature of Project

	1996-97			1997-98		
	For the private sector \$m	For the public sector \$m	Total \$m	For the private sector \$m	For the public sector \$m	Total \$m
Roads, highways and subdivisions	1 466	3 060	4 523	1 772	3 592	5 364
Bridges	34	202	236	23	247	270
Railways	80	1 239	1 319	168	961	1 129
Harbours	80	173	253	201	112	313
Water storage and supply	121	310	431	138	321	459
Sewerage and drainage	75	410	485	100	523	623
Electricity generation, transmission and distribution	411	1 089	1 500	563	1 018	1 581
Pipelines	238	101	339	287	67	354
Recreation	581	195	776	623	219	842
Telecommunications	166	2 617	2 783	65	2 731	2 796
Heavy industry	2 344	128	2 472	3 205	104	3 310
Other	35	12	47	46	16	62
<b>Total</b>	<b>5 630</b>	<b>9 535</b>	<b>15 165</b>	<b>7 191</b>	<b>9 911</b>	<b>17 102</b>

Source: *Engineering Construction Activity, Australia (8762.0)*.

### 21.1 RETAIL TURNOVER AT AVERAGE 1989-90 PRICES, By Industry

Year	Food retailing \$m	Department stores \$m	Clothing and softgood retailing \$m	Household good retailing \$m	Recreational good retailing \$m	Other retailing \$m	Hospitality and selected other services \$m	Total \$m
1993-94	36 867	10 023	7 666	13 095	5 100	9 323	16 137	<b>98 210</b>
1994-95	38 811	10 330	7 873	13 829	5 479	9 870	17 543	<b>103 736</b>
1995-96	40 647	10 607	8 003	14 429	5 879	10 300	17 894	<b>107 760</b>
1996-97	40 902	10 536	7 864	15 210	5 687	10 661	16 981	<b>107 841</b>
1997-98	42 353	10 864	8 081	15 239	5 888	11 590	17 381	<b>111 395</b>

Source: Retail Trade, Australia (8501.0).

### 21.2 WHOLESALE SALES AT AVERAGE 1989-90 PRICES

	\$m	Increase %
1993-94	135 094	7.3
1994-95	154 203	14.1
1995-96	158 053	2.5
1996-97	161 814	2.4
1997-98	171 804	6.2

Source: Stocks and Sales, Selected Industries, Australia (5629.0).

### 21.3 SELECTED SERVICE INDUSTRIES, Summary of Operations

Industry group	Reference year	Businesses no.	Employment no.	Gross income \$m	Operating profit before tax \$m	Operating profit margin %
Accommodation industry	1995-96	5 288	81 086	5 259.2	400.8	7.8
Clubs (hospitality)	1994-95	3 284	62 536	4 729.4	429.1	9.2
Pubs, taverns and bars	1994-95	4 325	71 437	6 390.1	258.2	4.1
Gambling services	1994-95	2 041	32 062	15 511.1	1 291.2	8.4
Real estate agents	1995-96	8 082	45 956	3 369.6	275.4	8.3
Legal services	1995-96	9 796	67 494	5 590.9	1 750.4	31.5
Accounting services	1995-96	8 389	66 792	4 939.1	954.6	19.4
Consultant engineering services	1995-96	5 514	30 736	3 233.3	351.0	11.0
Computing services	1995-96	9 679	55 046	8 088.3	455.1	5.7
Private medical practices	1994-95	22 298	106 134	7 240.9	1 850.3	25.8
Community services	1995-96	7 300	257 049	7 459.7	n.a.	n.a.

...continued



**21.3 SELECTED SERVICE INDUSTRIES, Summary of Operations—continued**

Industry group	Reference year	Businesses no.	Employment no.	Gross income \$m	Operating profit before tax \$m	Operating profit margin %
Sports industries	1994–95	5 066	58 414	2 517.0	169.7	7.3
Travel agency services	1996–97	3 266	24 451	1 979.5	37.3	2.0
Interest groups	1995–96	3 186	47 072	3 251.3	n.a.	n.a.
Libraries	1996–97	564	11 637	666.6	n.a.	n.a.
Museums	1996–97	224	5 636	425.2	n.a.	n.a.
Motion picture exhibition	1996–97	188	7 739	832.2	119.9	14.9
Zoos, parks and gardens	1996–97	802	19 721	1 571.9	n.a.	n.a.
Radio services	1996–97	261	5 064	622.7	92.6	14.9
Television services	1996–97	48	8 873	3 350.7	–324.0	–9.7

Source: Various ABS publications.

## 22.1 SUMMARY OF PERSON TRIPS AND NIGHTS AWAY(a), By State/Territory of Origin—1997

State/Territory of origin	Estimated population as at 30 June 1997 '000(b)	Person trips '000	Average trips per person	Total nights away '000	Average nights away per person trip
New South Wales	4 959	21 451	4	83 777	4
Victoria	3 657	16 392	4	61 818	4
Queensland	2 660	11 969	5	50 840	4
South Australia	1 182	4 736	4	20 231	4
Western Australia	1 403	6 248	4	24 937	4
Tasmania	369	1 753	5	7 097	4
Northern Territory	137	473	3	2 640	6
Australian Capital Territory	243	1 559	6	6 110	4
<b>Australia</b>	<b>14 612</b>	<b>64 580</b>	<b>4</b>	<b>257 529</b>	<b>4</b>

(a) For persons aged 15 years and over. (b) Population aged 15 years and over.

Source: *Domestic Tourism Monitor*, Bureau of Tourism Research.

## 22.2 OVERSEAS ARRIVALS AND DEPARTURES

Year	Inbound visitors no.	Change from previous year %	Australians travelling abroad no.	Change %
1991	2 370 400	7.0	2 099 400	-3.2
1992	2 603 300	9.8	2 276 300	8.4
1993	2 996 200	15.1	2 267 100	-0.4
1994	3 361 700	12.2	2 354 300	3.8
1995	3 725 800	10.8	2 518 600	7.0
1996	4 164 800	11.8	2 732 000	8.5
1997	4 317 900	3.7	2 932 800	7.3

Source: Overseas Arrivals and Departures, Australia (3401.0).

### 22.3 INBOUND VISITORS, By Country/Region of Residence and Main Purpose of Trip—1997

Country/region of residence	Main purpose of trip							Total visitors '000	Change on 1996 %
	Convention/ conference '000	Business '000	Visiting friends/ relatives '000	Holiday '000	Employ- ment '000	Edu- cation '000	Other and not stated '000		
New Zealand	20.2	104.7	199.3	311.0	6.9	3.8	39.7	685.7	2.1
Other Oceania	4.3	10.2	24.3	49.2	0.7	6.2	22.0	117.0	1.9
Germany	2.3	9.1	21.1	89.3	0.5	2.5	4.2	128.9	2.8
United Kingdom	6.4	36.0	174.7	167.4	7.3	2.0	16.8	410.6	11.7
Other Europe	14.9	31.9	81.6	172.5	3.7	8.5	21.6	334.7	9.5
Indonesia	3.5	9.6	18.1	95.5	0.8	20.0	13.0	160.4	3.8
Malaysia	4.6	8.6	24.1	88.8	0.3	11.5	5.8	143.7	6.9
Singapore	4.3	23.1	26.5	167.9	0.5	9.4	7.7	239.3	7.4
Hong Kong	3.1	15.7	32.4	81.0	0.2	13.4	6.0	151.7	-1.0

...continued

### 22.3 INBOUND VISITORS, By Country/Region of Residence and Main Purpose of Trip—1997—*continued*

Country/region of residence	Main purpose of trip								Change on 1996 %
	Convention/ conference '000	Business '000	Visiting friends/ relatives '000	Holiday '000	Employ- ment '000	Educa- tion '000	Other and not stated '000	Total visitors '000	
Japan	4.8	32.2	15.2	723.6	0.7	12.5	24.9	813.9	0.1
Korea	4.8	10.9	16.8	175.2	0.3	14.3	11.5	233.8	2.6
Taiwan	1.6	7.0	8.9	114.7	0.1	6.6	14.3	153.2	-3.9
Other Asia	13.3	41.9	47.1	85.8	1.9	17.9	23.9	231.8	2.5
USA	16.2	75.7	67.4	138.1	2.6	10.0	19.5	329.6	4.0
Other America	4.7	9.3	27.3	39.1	1.2	3.2	5.7	90.5	7.2
Middle East and North Africa	1.6	3.4	12.8	14.1	0.2	0.7	3.4	36.1	11.2
Other Africa	2.0	6.7	19.9	21.3	0.5	1.0	4.9	56.2	6.0
Not stated	0.0	0.1	0.2	0.2	0.0	0.0	0.3	0.8	35.5
<b>Total</b>	<b>112.6</b>	<b>436.1</b>	<b>817.6</b>	<b>2 534.5</b>	<b>28.6</b>	<b>143.5</b>	<b>245.0</b>	<b>4 317.9</b>	<b>3.7</b>

Source: Overseas Arrivals and Departures, Australia (3401.0).

## 22.4 AVERAGE VISITOR EXPENDITURE, By Country/Region of Residence and Expenditure Item—1997

Country/region of residence	Items of expenditure								Total \$
	Package tours \$	Prepaid international airfares \$	Transport \$	Food, drink and accommodation \$	Shopping \$	Entertainment and gambling \$	Capital goods \$	Other \$	
New Zealand	275	486	131	463	367	50	101	59	1 931
Germany	1 549	1 400	427	1 043	283	61	81	90	4 933
United Kingdom	780	1 730	334	909	282	90	49	125	4 299
Other Europe	1 144	1 561	381	1 107	366	103	51	184	4 897
Indonesia	387	581	180	756	601	546	140	957	4 149
Malaysia	399	616	188	791	618	356	229	860	4 057
Singapore	515	555	160	533	487	136	70	500	2 957
Hong Kong	721	778	252	834	531	179	533	814	4 642
Japan	2 189	246	76	301	674	63	7	97	3 651
Korea	1 300	326	142	593	491	116	39	639	3 647
Taiwan	1 610	389	121	518	710	100	66	561	4 076
Thailand	504	561	201	781	665	481	60	870	4 123

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## 22.4 AVERAGE VISITOR EXPENDITURE, By Country/Region of Residence and Expenditure Item—1997—*continued*

Country/region of residence	Items of expenditure								Total \$
	Package tours \$	Prepaid international airfares \$	Transport \$	Food, drink and accommodation \$	Shopping \$	Entertainment and gambling \$	Capital goods \$	Other \$	
China	431	1 060	304	1 026	571	186	205	510	4 291
Other Asia	235	961	235	737	531	91	61	781	3 632
USA	1 169	1 927	303	960	300	82	33	291	5 067
Canada	803	1 784	354	1 114	362	110	42	193	4 763
Other countries	286	1 162	190	583	538	67	252	272	3 348
<b>All countries</b>	<b>1 026</b>	<b>873</b>	<b>206</b>	<b>666</b>	<b>477</b>	<b>117</b>	<b>89</b>	<b>306</b>	<b>3 758</b>

Source: International Visitor Survey, Bureau of Tourism Research.

## 22.5 TOURIST ACCOMMODATION—1997

Accommodation type	Unit	Quarter ended				Year ended December 1997
		March	June	September	December	
Licensed hotels with facilities						
Establishments	no.	1 145	1 149	1 163	1 170	1 170
Guest rooms	no.	71 810	72 339	73 784	74 946	74 946
Bed spaces	no.	192 481	194 630	198 304	202 855	202 855
Room occupancy rates	%	63.6	58.8	62.0	63.2	61.9
Bed occupancy rates	%	40.0	34.9	38.5	38.6	38.0
Gross takings from accommodation	\$'000	527 267	486 847	531 603	566 090	2 111 808
Motels and guest houses with facilities						
Establishments	no.	3 768	3 778	3 877	3 871	3 871
Guest rooms	no.	102 860	103 508	105 249	105 851	105 851
Bed spaces	no.	313 751	316 107	321 585	323 315	323 315
Room occupancy rates	%	55.2	51.6	55.2	54.7	54.2
Bed occupancy rates	%	33.7	29.7	32.7	32.7	32.2
Gross takings from accommodation	\$'000	396 126	366 339	418 076	413 093	1 593 634

For footnotes see end of table.

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**22.5 TOURIST ACCOMMODATION—1997—continued**

Accommodation type	Unit	Quarter ended				Year ended December 1997
		March	June	September	December	
Total hotels, motels etc.						
Establishments	no.	4 913	4 927	5 040	5 041	5 041
Guest rooms	no.	174 670	175 847	179 033	180 797	180 797
Bed spaces	no.	506 232	510 737	519 889	526 170	526 170
Room occupancy rates	%	58.6	54.6	58.0	58.2	57.4
Bed occupancy rates	%	36.1	31.7	34.9	35.0	34.4
Room nights occupied	'000	9 194	8 699	9 521	9 641	37 055
Gross takings from accommodation	\$'000	923 394	853 186	949 679	979 184	3 705 442
Caravan parks(a)						
Establishments	no.	2 701	2 693	2 692	2 685	2 685
Powered sites(b)	no.	203 131	202 274	202 134	201 753	201 753
Unpowered sites	no.	66 257	66 310	65 496	65 124	65 124
Cabins, flats etc.	no.	18 838	19 033	19 491	19 863	19 863
Total capacity	no.	288 226	287 617	287 121	286 740	286 740
Site occupancy rates(c)	%	46.8	43.0	44.8	43.7	44.6
Site nights occupied	'000	12 142	11 264	11 815	11 533	46 753
Gross takings from accommodation	\$'000	139 165	114 977	129 234	134 099	517 474

For footnotes see end of table.

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**22.5 TOURIST ACCOMMODATION—1997—continued**

Accommodation type	Unit	Quarter ended				Year ended December 1997
		March	June	September	December	
Holiday flats, units and houses						
Flats, units etc.						
One bedroom	no.	9 188	9 318	9 476	9 909	9 909
Multiple bedroom	no.	33 009	32 445	32 720	33 974	33 974
Total flats, units etc.	no.	42 197	41 763	42 196	43 883	43 883
Bed spaces	no.	185 017	182 807	184 819	192 700	192 700
Unit occupancy rates	%	56.4	43.4	54.9	53.2	52.0
Unit nights occupied	'000	2 139	1 643	2 132	2 144	8 058
Gross takings from accommodation	\$'000	163 742	114 893	150 104	165 040	593 779

For footnotes see end of table.

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## 22.5 TOURIST ACCOMMODATION—1997—continued

Accommodation type	Unit	Quarter ended				Year ended December 1997
		March	June	September	December	
Visitor hostels(d)						
Establishments	no.	494	494	499	500	500
Bed spaces	no.	32 161	31 797	32 065	32 504	32 504
Bed occupancy rates	%	47.8	44.4	46.1	48.3	46.6
Guest nights	'000	1 366	1 279	1 355	1 435	5 434
Gross takings from accommodation	\$'000	19 178	18 204	19 748	20 911	78 041

(a) Includes long-term caravan parks. (b) Includes on-site vans. (c) Caravan park sites etc. permanently reserved but only casually occupied by their tenants have been recorded continuously as site nights occupied irrespective of whether the tenants of individual sites were in residence on any particular night. (d) 'Backpacker' accommodation.

Source: *Tourist Accommodation, Australia, December quarter 1997* (8635.0).

### 23.1 LENGTHS OF ROADS OPEN FOR GENERAL TRAFFIC, By Road Surface and State/Territory—As at 30 June

Surface of roads	NSW(a) 1998 km	Vic.(b) 1998 km	Qld 1997 km	SA 1998 km	WA(c) 1997 km	Tas. 1998 km	NT(d) 1998 km	ACT 1998 km
Bitumen or concrete	87 505	73 149	66 130	26 737	46 814	10 113	6 346	2 488
Gravel, crushed stone or other improved surface	93 304	51 078	50 807	41 011	55 444	12 565	7 114	130
Formed only	(e)	30 852	44 949	20 671	28 698	700	5 801	—
Cleared only	n.a.	(f)	15 131	7 476	14 555	(f)	3 253	—
<b>Total</b>	<b>180 809</b>	<b>155 079</b>	<b>177 017</b>	<b>95 895</b>	<b>145 511</b>	<b>23 378</b>	<b>22 514</b>	<b>2 618</b>

(a) Excludes Lord Howe Island, forestry controlled roads or crown roads. (b) Excludes roads coming under the responsibility of the Department of Conservation and Natural Resources. (c) Excludes approximately 25,300 kilometres of forestry roads. (d) Excludes roads managed by Local Government bodies. (e) Included in gravel, crushed stone or other improved surface. (f) Included with Formed only.

Source: Derived mainly from Road and Traffic Authorities and local government sources in each State and Territory.

## 23.2 MOTOR VEHICLE CENSUS—31 October 1997

State/ Territory	Passenger vehicles(a) '000	Light commercials '000	Trucks				Buses '000	Total(b) '000	Motor cycles '000
			Rigid '000	Articulated '000	Non- freight carrying '000				
NSW	2 850.5	459.5	104.8	15.8	3.2	15.9	3 449.6	80.6	
Vic.	2 529.0	385.9	87.0	17.1	5.4	14.3	3 038.7	80.3	
Qld	1 612.3	361.1	64.7	11.8	2.8	12.9	2 065.5	66.6	
SA	806.3	120.9	25.9	5.1	1.6	3.7	963.5	28.7	
WA	963.5	204.4	44.0	7.0	2.5	8.8	1 230.3	39.3	
Tas.	243.2	59.2	10.5	1.5	0.9	2.2	317.4	7.6	
NT	64.9	23.6	3.2	0.8	0.2	2.5	95.2	3.9	
ACT	169.9	17.6	2.4	0.3	0.1	1.0	191.2	6.0	
Aust.	9 239.5	1 632.2	342.4	59.3	17.0	61.1	11 351.3	313.1	

(a) Includes campervans. (b) Excludes motor cycles, tractors, plant and equipment, caravans and trailers.

Source: *Motor Vehicle Census, Australia* (9309.0).

### 23.3 REGISTRATIONS OF NEW MOTOR VEHICLES

Year	Passenger vehicles no.	Light commercial vehicles no.	Trucks				Total (excludes motor cycles) no.	Motor cycles no.
			Rigid no.	Articulated no.	Non- freight carrying no.	Buses no.		
1993-94	475 981	80 720	9 812	3 147	795	3 814	<b>574 269</b>	17 425
1994-95	528 502	88 840	11 392	4 815	867	4 493	<b>638 909</b>	20 505
1995-96	531 778	86 666	9 726	2 909	1 074	4 376	<b>636 529</b>	22 345
1996-97	557 962	88 204	9 470	3 145	1 099	3 972	<b>663 852</b>	22 842
1997-98	654 697	96 767	11 382	4 006	1 247	3 746	<b>771 845</b>	26 765

Source: New Motor Vehicle Registrations, Australia, Preliminary (9301.0) and unpublished statistics.

### 23.4 ROAD TRAFFIC FATALITIES, By State/Territory—1997

State/Territory	Number	Persons killed	
		Per 100,000 population(a)	Per 10,000 motor vehicles registered(b)
New South Wales	579	9	2
Victoria	377	8	1
Queensland	358	11	2
South Australia	148	10	2
Western Australia	197	11	2
Tasmania	32	7	1
Northern Territory	60	32	6
Australian Capital Territory	17	6	1
<b>Australia</b>	<b>1 768</b>	<b>10</b>	<b>2</b>

(a) Estimated resident population at 30 June 1997. (b) Number of registered motor vehicles (excluding tractors, plant and equipment) at 31 October 1997.

Source: Road Statistics Data—Federal Office of Road Safety, Road Fatalities Australia, 1997;

Population Data—Estimated Resident Population, Australia, June 1997 (3201.0); Registered Vehicle Data—Motor Vehicle Census, Australia, 31 October 1997 (9309.0).

### 23.5 GOVERNMENT RAILWAYS, Passenger Journeys(a)

	NSW '000	Vic. '000	Qld '000	SA '000	WA '000	Australian National '000	Australia '000
1994-95							
Suburban	250 000	105 360	37 026	8 400	23 500	—	<b>424 286</b>
Country	2 200	6 390	895	—	247	191	<b>9 923</b>
1995-96							
Suburban	256 400	109 240	39 187	8 273	23 007	—	<b>436 107</b>
Country	2 400	7 016	881	—	279	244	<b>10 820</b>
1996-97							
Suburban	264 700	112 626	41 459	8 165	(b)28 900	—	<b>455 850</b>
Country	2 510	7 301	861	—	264	252	<b>11 188</b>

(a) Based on ticket sales making allowances for periodical tickets. (b) In 1996-97, a revised counting methodology was used that resulted in an increase.

Source: Various rail authorities, the Rail Industry Council and the Australian Bureau of Statistics.



### 23.6 SHIPS REGISTERED(a) IN AUSTRALIA—30 June 1998

Location	Nature of registration					Total no.
	Recreational no.	Fishing no.	Government no.	Demise chartered(b) no.	Commercial and trading(c) no.	
New South Wales	1 661	288	4	7	236	2 196
Victoria	597	200	—	4	97	898
Queensland	1 475	717	18	6	362	2 578
South Australia	272	306	1	—	40	619
Western Australia	575	411	—	2	132	1 120
Tasmania	223	219	2	—	56	500
Northern Territory	252	60	1	—	22	335
<b>Australia</b>	<b>5 055</b>	<b>2 201</b>	<b>26</b>	<b>19</b>	<b>945</b>	<b>8 246</b>

(a) Australian-owned commercial or trading ships of 24 metres or more in tonnage length. All ships, regardless of tonnage length, must be registered before departing on a voyage from Australia or from a foreign port where there is an Australian diplomatic representative. (b) These ships are not necessarily engaged in trade or commerce.

(c) Relates to ships used for trading and commercial purposes. Some of these ships are less than 24 metres in tonnage length.

Source: Australian Maritime Safety Authority.

### 23.7 PASSENGER TRAFFIC THROUGH AUSTRALIAN INTERNATIONAL AIRPORTS—Year ended December

Airport	1995 no. of passengers	1996 no. of passengers	1997 no. of passengers
Sydney	5 861 918	6 514 831	6 879 040
Melbourne	2 011 154	2 193 309	2 370 948
Brisbane	1 965 327	2 192 110	2 285 798
Perth	1 190 837	1 292 127	1 399 514
Cairns	658 397	719 396	745 110
Adelaide	207 621	205 863	208 890
Darwin	139 637	147 888	171 319
Norfolk Island	15 676	14 797	16 176
Coolangatta(a)	—	463	13 822
Christmas Island(b)	27 479	14 513	3 895
Hobart	7 362	5 103	3 689
Port Hedland	1 267	1 536	3 209
Broome(c)	—	2 338	260
Townsville	—	—	240
<b>Total</b>	<b>12 086 675</b>	<b>13 304 274</b>	<b>14 101 910</b>

(a) International operations commenced on December 1996. (b) International operations ceased on February 1997, and recommenced on October 1997. (c) International operations commenced on January 1996, and ceased on February 1997.

Source: Department of Transport and Regional Services.

**23.8 DOMESTIC AIRLINE ACTIVITY**

	Unit	1992-93	1993-94	1994-95	1995-96	1996-97
Domestic airlines						
Hours flown	no.	360 971	398 337	437 793	454 365	445 567
Aircraft departures	no.	444 412	477 316	505 580	507 212	484 072
Total revenue passengers(a)	no.	19 081 262	21 302 395	22 789 674	23 678 307	23 322 436
Cargo on board(b)	tonnes	144 321	163 135	169 446	172 761	190 667
Passenger kilometres performed	'000	19 937 396	22 674 835	24 625 411	26 191 426	26 299 206
Cargo tonne kilometres(b)	'000	176 897	198 281	204 903	207 760	233 645
Total tonne kilometres	'000	1 971 263	2 239 017	2 421 190	2 564 988	2 600 573
Seat kilometres available	'000	25 766 615	29 660 834	33 129 881	35 639 503	35 402 870
Revenue passenger load factor	%	77.4	76.4	74.3	73.5	74.3
Revenue weight load factor	%	61.5	61.1	59.0	57.8	58.0
Regional airlines						
Total revenue passengers(a)	no.	3 133 253	3 504 101	3 783 244	4 157 400	4 620 000
Cargo on board(b)	tonnes	2 849	2 807	2 804	2 782	3 135

(a) The unit of measurement is traffic on board (which includes transit traffic). (b) Includes freight and mail.

Source: Department of Transport and Regional Services.

**24.1 COMMUNICATION SERVICES INDUSTRIES, Structure and Performance**

Selected technologies	Unit	1994-95	1995-96	1996-97
Industry structure				
Operating businesses	no.	2 133	2 824	3 248
Employment	'000	127	138	126
Income statement				
Sale of goods and services	\$m	19 883	21 709	23 686
Less cost of sales	\$m	7 583	9 314	9 208
<i>Trading profit</i>	\$m	12 300	12 395	14 478
Plus interest	\$m	154	179	171
Plus other operating income	\$m	252	624	79
Less labour costs	\$m	6 451	6 298	6 606
Less depreciation	\$m	2 572	2 793	3 024
Less other operating expenses	\$m	200	144	442
<i>Earnings before interest and tax</i>	\$m	3 483	3 963	4 656
Less interest expenses	\$m	615	724	743
<i>Operating profit before tax</i>	\$m	2 868	3 239	3 914
Total assets	\$m	32 094	34 432	37 960
Total liabilities	\$m	17 814	17 756	16 177
<i>Net worth</i>	\$m	14 280	16 676	21 783
Capital expenditure	\$m	4 488	6 261	5 367
Gross operating surplus	\$m	6 153	6 038	6 464
Industry gross product	\$m	12 605	12 923	13 070

Source: *Business Operations and Industry Performance, Australia (8140.0)*.

## 24.2 BUSINESS INDICATORS, By Telecommunication Services Subindustry—1996-97

	Units	Carriers	Internet service providers	Other service providers (including agents/dealers)	Total
Businesses at 30 June 1997	no.	3	296	82	381
Income					
Income from telecommunication services					
Voice services	\$m	9 365.7	—	654.9	10 020.6
Mobile services	\$m	3 402.6	—	439.1	3 841.7
Internet services	\$m	30.5	147.7	1.7	179.9
Data services and other telecommunication services	\$m	2 315.2	1.4	159.0	2 475.6
Total	\$m	15 114.0	149.0	1 254.8	16 517.8
Commission income	\$m	—	—	81.0	81.0
Income from rebates/incentives	\$m	—	—	54.4	54.4
Rent, leasing and hiring income	\$m	2 259.0	*0.2	87.4	2 346.6
Other income	\$m	1 241.0	7.4	239.3	1 487.7
Total income	\$m	18 614.0	156.7	1 716.8	20 487.5
Total expenses	\$m	16 621.7	187.0	2 125.6	18 934.3
Operating profit before tax	\$m	1 996.9	-30.4	-409.7	1 556.8
Operating profit margin	%	10.8	-19.9	-24.4	7.7
Industry gross product	\$m	10 069.3	19.9	-71.2	10 018.0

Source: Telecommunication Services, Australia (Preliminary) (8148.0).

### 24.3 AUSTRALIAN POSTAL CORPORATION, Consolidated Financial Statement

	1995-96	1996-97	1997-98
	\$m	\$m	\$m
Revenue	2 890.4	3 109.7	3 279.1
Expenditure(a)	2 550.9	2 767.1	2 902.7
Operating profit before abnormals and tax	339.5	342.6	376.4
Dividends	143.0	220.0	215.0
Income tax	122.8	101.6	99.6
Other government taxes and charges(b)	183.2	206.4	195.4
Cost of Universal Service Obligations	72.0	67.0	67.0
Total assets	2 382.0	2 588.6	2 735.8
	%	%	%
Return on assets(c)	15.5	14.6	12.8

(a) Including payment of the government taxes and charges specified in footnote (b). (b) Other government taxes and charges comprise sales tax and customs duty, payroll tax, local government taxes and charges, federal excise duty, and fringe benefits tax. (c) Operating profit before net interest and income tax divided by average total assets.

Source: Australian Postal Corporation.

## 24.4 AUSTRALIAN POSTAL CORPORATION, Total Postal Articles Handled

	1993-94 million	1994-95 million	1995-96 million	1996-97 million	1997-98 million
Posted in Australia for delivery in Australia	3 317.9	3 529.9	3 733.7	3 888.1	4 046.1
Posted in Australia for delivery overseas	146.0	146.4	159.1	157.3	165.1
Posted overseas for delivery in Australia	147.3	151.4	154.6	160.3	160.8
<b>Total articles through mail network</b>	<b>3 611.2</b>	<b>3 827.7</b>	<b>4 047.4</b>	<b>4 205.7</b>	<b>4 372.0</b>

Source: Australian Postal Corporation.

**25.1 EXPENDITURE ON R&D, At Average 1989-90 Prices**

Sector	1988-89 \$m	1990-91 \$m	1992-93 \$m	1994-95 \$m	1996-97 \$m
Business	1 944.9	2 000.6	2 584.7	3 070.0	3 426.5
General government					
Commonwealth	914.4	989.2	1 039.6	1 045.9	1 062.3
State	510.9	630.0	591.1	681.3	676.5
Total	1 425.3	1 619.2	1 630.7	1 727.2	1 738.8
Higher education(a)	1 159.6	1 291.6	1 531.5	1 587.0	1 909.7
Private non-profit	57.5	81.2	90.7	136.9	139.4
<b>Total</b>	<b>4 587.3</b>	<b>4 992.6</b>	<b>5 837.6</b>	<b>6 521.1</b>	<b>7 214.4</b>

(a) Data for the calendar year ending within the financial year shown.

Source: *Research and Experimental Development, All Sector Summary, Australia (8112.0)*.



## 25.2 EXPENDITURE ON R&D AS A PERCENTAGE OF GDP, OECD Countries—1996–97

Country	Business %	Government %	Higher education %	Total(a) %
Japan	2.01	0.27	0.42	2.83
Korea	2.04	0.45	0.26	2.79
Switzerland	1.94	0.07	0.67	2.75
United States	1.92	0.23	0.39	2.62
Finland	1.71	0.41	0.47	2.59
France	1.43	0.47	0.39	2.32
Germany	1.51	0.36	0.41	2.28
Denmark	1.25	0.32	0.42	2.01
United Kingdom	1.26	0.28	0.38	1.94
<b>Australia</b>	<b>0.80</b>	<b>0.40</b>	<b>0.45</b>	<b>1.68</b>
Canada	1.03	0.25	0.36	1.66
Iceland	0.47	0.62	0.36	1.51
Czech Republic	0.64	0.33	0.09	1.07
Italy	0.56	0.22	0.25	1.03
Spain	0.42	0.16	0.28	0.87
Poland	0.31	0.24	0.21	0.76
Turkey	0.12	0.05	0.28	0.45

(a) Includes private non-profit.

Source: Research and Experimental Development, Business Enterprises, Australia (8104.0); Research and Experimental Development, General Government and Private Non-Profit Organisations, Australia (8109.0); Research and Experimental Development, Higher Education Organisations, Australia (8111.0); and Research and Experimental Development, All Sector Summary, Australia (8112.0).

### 25.3 BUSINESSES, R&D Resources by Industry of Business

Industry of business	Businesses	Expenditure on R&D	Effort on R&D
	1996-97	1996-97	1996-97
	no.	\$m	'000 person years
Mining (including services to mining)	117	546	1.1
Manufacturing			
Food, beverage and tobacco	179	227	1.3
Textile, clothing, footwear and leather	65	22	0.2
Wood and paper product	35	190	0.2
Printing, publishing and recorded media	47	17	0.2
Petroleum, coal, chemical and associated product	348	321	2.4
Non-metallic mineral product	85	67	0.5
Metal product	220	371	1.7
Motor vehicle and part and other transport equipment	146	397	2.7
Photographic and scientific equipment	114	80	0.8
Electronic and electrical equipment and appliance	432	587	4.4
Industrial machinery and equipment	309	137	1.2
Other manufacturing	94	18	0.2
Total manufacturing	2 074	2 434	15.9
Total other industries	1 216	1 144	9.1
<b>Total all industries</b>	<b>3 407</b>	<b>4 124</b>	<b>26.1</b>

Source: Research and Experimental Development, Business Enterprises, Australia (8104.0).

## 25.4 BARRIERS TO STARTING TECHNOLOGICAL INNOVATION—1996–97

Barrier	Business size			
	Small %	Medium %	Large %	All %
Potential market already dominated	33.8	48.2	56.2	<b>35.6</b>
Current economic climate	39.4	49.9	45.8	<b>40.6</b>
Market too small or unknown	28.1	46.3	54.7	<b>30.4</b>
Innovation project too large	16.5	27.4	34.0	<b>17.9</b>
Excessive risk perceived by business/parent company	30.3	47.1	64.7	<b>32.6</b>
Excessive risk perceived by financiers/investors	17.9	33.0	26.3	<b>19.6</b>
Insufficient funds to recruit staff	30.2	25.4	17.6	<b>29.5</b>
Lack of appropriate sources of finance	32.5	35.0	19.6	<b>32.6</b>
Insufficient retained earnings	36.0	37.7	24.6	<b>36.0</b>
Government standards and regulations	29.5	37.6	37.6	<b>30.5</b>
Government policy and taxation	40.3	43.7	43.4	<b>40.7</b>

Source: *Innovation in Manufacturing, Australia* (8116.0).

## 25.5 BUSINESS PERFORMANCE, Effects of Innovation Activity

Aspect affected	Proportion of technological innovators	
	Decrease %	Increase %
Employment levels		
Management	*3.0	12.5
Research	0.3	6.8
Technical	0.5	12.7
Production	6.3	32.7
Marketing	*1.9	12.6
Administration	3.0	12.9
External consultants	0.9	9.8
Production activities		
Production levels	2.1	61.4
Cleaner production process	**0.8	26.6
Labour usage	16.7	28.8
Materials consumption	9.8	37.4
Energy consumption	8.2	30.0
Wastage	21.1	15.0
Capital utilisation	*2.3	32.8
Maintenance support	3.9	16.9
Profitability	7.3	38.1

Source: *Innovation in Manufacturing, Australia (8116.0)*.

## 26.1 ASSETS OF FINANCIAL INSTITUTIONS

### Deposit taking institutions

At 30 June	Reserve Bank \$b	Banks \$b	Other \$b	Life offices and superannuation funds \$b	Other financial institutions \$b	<b>Consolidated total \$b</b>
1989	24.2	238.8	136.0	150.0	79.3	<b>553.1</b>
1990	25.3	271.3	143.6	169.9	87.5	<b>610.8</b>
1991	29.4	300.5	135.8	182.4	96.6	<b>646.1</b>
1992	32.1	308.7	128.1	212.0	93.6	<b>677.4</b>
1993	37.4	333.1	117.7	228.0	94.7	<b>709.9</b>
1994	34.4	365.8	118.8	241.8	102.8	<b>748.4</b>
1995	37.6	386.0	159.8	260.9	111.2	<b>830.8</b>
1996	36.6	428.4	144.2	293.4	128.0	<b>885.8</b>
1997	50.4	513.1	154.2	349.5	156.1	<b>1 032.6</b>
1998	47.3	570.8	172.3	409.1	206.7	<b>1 187.3</b>

Source: Australian National Accounts: Financial Accounts (5232.0).

## 26.2 SUPERANNUATION FUNDS, Total Assets

	June 1996 \$m	June 1997 \$m	June 1998 \$m
Cash and deposits	12 316	16 740	22 193
Loans and placements	6 189	7 827	8 887
Bills of exchange	4 332	4 985	5 162
Other short-term securities	6 361	7 045	7 325
Government securities	19 601	20 104	22 354
Other long-term securities	2 433	2 784	3 713
Shares	46 475	60 232	65 791
Units in trusts	21 406	27 837	34 125
Other financial assets	4 381	4 267	3 764
Other assets	38 172	47 520	56 643
<b>Total</b>	<b>161 666</b>	<b>199 341</b>	<b>229 957</b>

Source: Joint survey by the ABS and the (then) Insurance and Superannuation Commission.

## 26.3 DEMAND FOR CREDIT—Funds Raised on Credit Markets

	Net transactions during year		
	1995–96 \$m	1996–97 \$m	1997–98 \$m
Funds (including equity) raised on conventional credit markets by			
Commonwealth public trading enterprises	81	2 679	11 308
State and local government public trading enterprises	–1 875	–189	71
Private trading enterprises	52 577	41 881	46 277
Commonwealth general government	6 690	2 785	–18 358
State and local general government	–11 971	–7 053	265
Households and unincorporated businesses	31 029	27 780	38 787
<b>Total</b>	<b>76 531</b>	<b>67 883</b>	<b>78 350</b>

Source: Australian National Accounts: Financial Accounts (5232.0).

## 26.4 BANK RETAIL DEPOSIT AND LENDING RATES

	June 1996 % p.a.	June 1997 % p.a.	June 1998 % p.a.
Bank deposit rates			
Six month fixed deposit	6.55	4.70	4.20
Cash management accounts(a)	5.70	3.70	3.30
Bank lending rates			
Housing loans—variable	9.75	7.20	6.70
Small business loans—variable	11.25	9.50	7.70
Credit cards	16.70	16.00	15.30

(a) Accounts from \$20,000 to less than \$100,000.

Source: Reserve Bank of Australia Bulletin.

## 26.5 LENDING COMMITMENTS BY FINANCIAL INSTITUTIONS

Type of lending activity	1995–96 \$m	1996–97 \$m	1997–98 \$m
Lease finance	7 107	7 379	8 982
Personal finance	32 282	35 568	42 908
Commercial finance	139 334	154 536	172 503
Housing finance	43 677	49 979	54 576
<b>Total</b>	<b>222 400</b>	<b>247 462</b>	<b>278 969</b>

Source: Lease Finance, Australia (5644.0.40.02); Personal Finance, Australia (5642.0.40.002); Commercial Finance, Australia (5643.0.40.002); Housing Finance for Owner Occupation, Australia (5609.0).



## 27.1 ALL AUSTRALIAN GOVERNMENTS AND UNIVERSITIES, General Government

Economic transactions	1994-95 \$m	1995-96 \$m	1996-97 \$m
Outlays	164 051	174 183	182 289
Revenue	151 804	167 288	180 925
Financing and deficit measures	12 247	6 895	1 364
Less increase in provisions (net)	-1 118	-1 042	-954
Deficit (+) or surplus (-)	13 365	7 937	2 318
Of which			
Current deficit	2 097	-3 326	-10 258
Capital deficit	11 268	11 263	12 576

(a) Current outlays minus current revenues and current grants received less increase in provisions. (b) Capital outlays less capital revenues and capital grants received.

Source: *Government Finance Statistics, Australia, 1996-97* (5512.0).

## 27.2 TAXES, FEES AND FINES OF ALL LEVELS OF GOVERNMENT

Type of tax	1994-95 \$m	1995-96 \$m	1996-97 \$m
Taxes on income	73 115	81 376	89 238
Employers' payroll taxes	9 152	9 869	10 533
Taxes on property(a)	12 639	13 133	14 423
Taxes on provision of goods and services	32 931	35 116	36 199
Taxes on use of goods and performance of activities	8 041	9 062	9 499
Fees and fines	2 432	2 609	2 949
<b>Total taxes, fees and fines(b)</b>	<b>138 310</b>	<b>151 166</b>	<b>162 841</b>
Income taxes paid by public trading enterprises	781	1 220	1 204

(a) Partly estimated. (b) Excludes income taxes paid by public trading enterprises.

Source: *Government Finance Statistics, Australia, 1996-97* (5512.0).

### 27.3 TOTAL OUTLAYS, ALL AUSTRALIAN GOVERNMENTS AND UNIVERSITIES, Consolidated Government by Purpose(a)(b)

Purpose classification	1994-95 \$m	1995-96 \$m	1996-97 \$m
General public services	13 768	14 140	14 649
Defence	9 147	9 394	9 454
Public order and safety	6 183	6 696	7 406
Education	22 104	22 967	24 480
Health	25 173	27 305	28 878
Social security and welfare	46 081	49 219	52 367
Housing and community amenities	5 342	5 153	4 915
Recreation and culture	4 008	4 754	5 302
Fuel and energy	3 475	3 417	2 795
Agriculture, forestry and fishing	2 108	3 114	2 592
Mining, manufacturing and construction	774	808	774
Transport and communications	14 631	15 183	15 202
Other economic affairs	5 177	5 551	4 807
Other purposes	20 273	20 565	19 403
<b>Total</b>	<b>178 244</b>	<b>188 266</b>	<b>193 023</b>

(a) Due to transactions between sectors, consolidated totals are not always the sum of totals for the general government and public trading enterprise sectors. (b) Data disaggregated by purpose were unavailable for the ACT. Where necessary, the ABS has estimated these data.

Source: *Government Finance Statistics, Australia, 1996-97 (5512.0)*.

## 27.4 FINANCIAL ASSETS AND LIABILITIES OF THE COMMONWEALTH, STATE, TERRITORY AND LOCAL GOVERNMENTS—As at 30 June

	1995 \$m	1996 \$m	1997 \$m
Commonwealth Government			
General government			
Gross debt	107 501	115 374	114 024
Total cash, deposits and lending	24 010	19 543	19 619
Net debt	83 492	95 831	94 404
Unfunded employee entitlements	67 464	67 352	68 308
Public trading enterprises			
Gross debt	15 572	11 293	12 784
Total cash, deposits and lending	6 074	3 545	3 512
Net debt	9 498	7 748	9 273
Unfunded employee entitlements	695	685	567
Consolidated government			
Gross debt	121 544	126 551	126 703
Total cash, deposits and lending	28 555	22 971	23 026
Net debt	92 989	103 579	103 677
Unfunded employee entitlements	68 159	68 037	68 875

...continued

## 27.4 FINANCIAL ASSETS AND LIABILITIES OF THE COMMONWEALTH, STATE, TERRITORY AND LOCAL GOVERNMENTS—As at 30 June—*continued*

	1995 \$m	1996 \$m	1997 \$m
State and Territory Governments			
General government			
Gross debt	76 920	63 714	57 967
Total cash, deposits and lending	42 073	40 100	40 587
Net debt	34 847	23 614	17 379
Unfunded employee entitlements	50 757	55 100	55 621
Public trading enterprises			
Gross debt	43 960	39 588	38 227
Total cash, deposits and lending	6 970	7 200	8 453
Net debt	36 990	32 388	29 774
Unfunded employee entitlements	6 474	5 742	4 054
Consolidated government			
Gross debt	110 313	93 947	87 606
Total cash, deposits and lending	38 474	37 946	40 453
Net debt	71 838	58 001	47 153
Unfunded employee entitlements	57 231	60 841	59 675

...continued

## 27.4 FINANCIAL ASSETS AND LIABILITIES OF THE COMMONWEALTH, STATE, TERRITORY AND LOCAL GOVERNMENTS—As at 30 June—*continued*

	1995 \$m	1996 \$m	1997 \$m
Local Governments			
Consolidated government			
Gross debt	6 474	6 092	6 025
Total cash, deposits and lending	4 895	5 870	5 584
Net debt	1 579	223	441
Unfunded employee entitlements	n.a.	n.a.	n.a.
State, Territory and Local Governments			
Consolidated government			
Gross debt	115 885	99 221	92 765
Total cash, deposits and lending	42 467	42 997	45 171
Net debt	73 418	56 224	47 594
Unfunded employee entitlements	n.a.	n.a.	n.a.
Commonwealth, State, Territory and Local			
Consolidated government			
Gross debt	217 631	211 184	208 835
Total cash, deposits and lending	53 786	54 238	60 456
Net debt	163 845	156 947	148 379
Unfunded employee entitlements	n.a.	n.a.	n.a.

Source: Public Sector Financial Assets and Liabilities, Australia (5513.0).

## 28.1 CONSUMER PRICE INDEX, All Groups Index Numbers(a)(b)

Year	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	Darwin	Weighted average of eight capital cities
Index no.(c)									
1995-96	118.7	118.4	119.1	121.2	116.7	119.6	120.3	119.5	<b>118.7</b>
1996-97	120.4	119.9	121.0	122.3	118.3	121.4	121.2	121.6	<b>120.3</b>
1997-98	120.5	119.8	121.6	121.6	118	121.3	120.4	121.3	<b>120.3</b>
Change from previous year (%)									
1995-96	5.0	3.8	3.8	3.7	3.9	3.8	4.5	4.2	<b>4.2</b>
1996-97	1.4	1.3	1.6	0.9	1.4	1.5	0.7	1.8	<b>1.3</b>
1997-98	0.1	-0.1	0.5	-0.6	-0.3	-0.1	-0.7	-0.2	<b>0.0</b>

(a) Reference base year 1989-90 = 100.0. (b) The separate city indexes measure price movements within each city individually. They do not compare price levels between cities. (c) Index numbers for financial years are calculated as the simple arithmetic averages of the quarterly index numbers.

Source: *Consumer Price Index, Australia* (6401.0).

## 28.2 CONSUMER PRICE INDEX, Group Index Numbers—Weighted Average of Capital Cities(a)

	Index no.(b)			Change from previous year (%)		
	1995–96	1996–97	1997–98	1995–96	1996–97	1997–98
Food	116.0	119.7	121.8	3.5	3.2	1.8
Clothing	107.0	107.3	107.4	0.3	0.3	0.1
Housing	105.9	101.6	94.5	5.9	-4.1	-7.0
Household equipment and operation	111.7	113.5	113.8	2.3	1.6	0.3
Transportation	122.6	124.3	123.5	4.3	1.4	-0.6
Tobacco and alcohol	156.1	161.4	164.6	10.7	3.4	2.0
Health and personal care	141.8	149.1	153.6	4.6	5.1	3.0
Recreation and education	117.7	119.7	123.6	2.7	1.7	3.3
<b>All groups</b>	<b>118.7</b>	<b>120.3</b>	<b>120.3</b>	<b>4.2</b>	<b>1.3</b>	<b>0.0</b>

(a) Reference base year 1989–90 = 100.0. (b) Index numbers for financial years are calculated as the simple arithmetic averages of the quarterly index numbers.

Source: *Consumer Price Index, Australia* (6401.0).



### 28.3 CONSUMER PRICE INDEX, International Comparisons(a)(b)

Country	Index no.			Change since previous year %		
	1995-96	1996-97	1997-98	1995-96	1996-97	1997-98
<b>Australia</b>	<b>121</b>	<b>124</b>	<b>125</b>	<b>3.9</b>	<b>2.3</b>	<b>1.2</b>
New Zealand(c)	112	114	115	1.3	1.6	1.1
Hong Kong	161	168	175	6.2	4.6	4.1
Indonesia	164	174	233	8.9	6.4	33.7
Japan	107	108	112	-0.5	0.8	3.9
Republic of Korea	144	151	162	4.6	4.8	7.1
Singapore	116	118	119	1.3	1.8	1.2
Taiwan	123	126	127	2.9	2.6	1.0
Canada	116	119	121	2.3	2.4	1.5
United States of America	121	124	126	2.5	2.8	1.2
Germany(d)	116	118	119	1.0	1.2	1.3
United Kingdom	128	132	135	2.8	2.5	2.4

(a) Reference base year 1989-90 = 100.0. (b) All groups excluding housing. (c) From March quarter 1994, the statistics for New Zealand refer to 'all groups excluding housing and credit services'. (d) The statistics for Germany refer to Western Germany (Federal Republic of Germany before the unification of Germany).

Source: *Consumer Price Index* (6401.0).

## 28.4 PRICE INDEX OF MATERIALS USED IN HOUSE BUILDING, Six State Capital Cities(a)(b)

Year	Weighted average of six State capital cities	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart
1995-96	<b>115.7</b>	115.9	115.4	115.1	118.2	114.8	120.7
1996-97	<b>116.1</b>	116.3	115.3	115.3	120.6	115.3	120.1
1997-98	<b>118.2</b>	119.7	117.1	117.1	123.3	115.9	121.0

(a) Reference base year 1989-90 = 100.0. (b) The separate city indexes measure price movement within each city individually. They do not compare price levels between cities.

Source: *Price Index of Materials Used in House Building, Six State Capital Cities (6408.0)*.

## 28.5 PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING, Six State Capital Cities(a)(b)

Year	Weighted average of six State capital cities	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart
1995-96	<b>112.7</b>	112.6	111.1	115.0	112.7	113.2	115.1
1996-97	<b>113.2</b>	113.1	110.9	115.9	114.1	114.6	116.3
1997-98	<b>114.2</b>	114.4	111.4	117.2	115.1	114.6	117.4

(a) Reference base year 1989-90 = 100.0. (b) The separate city indexes measure price movements within each city individually. They do not compare price levels between cities.

Source: *Price Index of Materials Used in Building Other than House Building, Six State Capital Cities (6407.0)*.

### 29.1 GROSS DOMESTIC PRODUCT(a)

Year	GDP(I) \$m	GDP(E) \$m	GDP(P) \$m	GDP(A) \$m
1994–95	420 838	418 812	419 586	419 745
1995–96	437 264	436 932	436 270	436 822
1996–97	450 575	446 762	448 726	448 688

(a) At average 1989–90 prices.

Source: Australian National Accounts: National Income, Expenditure and Product (5204.0 and 5206.0).

**29.2 DOMESTIC PRODUCTION ACCOUNT—Annual**

	1994–95 \$m	1995–96 \$m	1996–97 \$m
Final consumption expenditure			
Private	286 830	306 369	318 480
Government	79 341	83 437	86 419
Private gross fixed capital expenditure	77 017	79 991	86 304
Public gross fixed capital expenditure	20 909	20 295	19 230
Increase in stocks	2 581	2 239	–1 410
<i>Gross national expenditure</i>	<i>466 678</i>	<i>492 331</i>	<i>509 023</i>
Exports of goods and services	87 090	98 528	104 601
Imports of goods and services	95 680	99 107	101 691
<i>Gross domestic product (GDP(E))</i>	<i>458 088</i>	<i>491 752</i>	<i>511 933</i>
Statistical discrepancy	2 203	361	4 373
Wages, salaries and supplements	225 705	241 374	257 597
Gross operating surplus			
Trading enterprises	175 814	188 490	193 578
<i>Total</i>	<i>178 416</i>	<i>190 100</i>	<i>195 401</i>
Indirect taxes less subsidies	56 170	60 639	63 308
<i>Gross domestic product (GDP(I))</i>	<i>460 291</i>	<i>492 113</i>	<i>516 306</i>

Source: Australian National Accounts: National Income, Expenditure and Product (5204.0 and 5206.0).

**29.3 NATIONAL INCOME AND OUTLAY ACCOUNT—Annual**

	1994–95 \$m	1995–96 \$m	1996–97 \$m
Wages, salaries and supplements	225 705	241 374	257 597
Net operating surplus	111 617	120 570	122 994
Domestic factor incomes	337 322	361 944	380 591
Less net income paid overseas	15 826	16 702	18 126
Indirect taxes	62 403	66 806	70 369
Less subsidies	6 233	6 167	7 061
National income	377 666	405 881	425 773
Less net unrequited transfers to overseas	–12	–1 023	–1 440
<i>National disposable income</i>	377 678	406 904	427 213
Final consumption expenditure			
Private	286 830	306 369	318 480
Government	79 341	83 437	86 419
Saving	11 507	17 098	22 314
<i>Disposal of income</i>	377 678	406 904	427 213
Gross national product	444 465	475 411	498 180

Source: Australian National Accounts: National Income, Expenditure and Product (5204.0 and 5206.0).

**29.4 NATIONAL CAPITAL ACCOUNT—Annual**

	1994–95 \$m	1995–96 \$m	1996–97 \$m
Consumption of fixed capital	66 799	69 530	72 407
Saving			
Household	9 137	10 835	15 849
General government surplus on current transactions	–9 210	–3 693	3 397
Extraordinary insurance claims paid	—	—	—
Other	11 580	9 956	3 068
<i>Finance of gross accumulation</i>	78 306	86 628	94 721
Gross fixed capital expenditure			
Private	77 017	79 991	86 304
Public enterprises	11 447	10 788	9 285
General government	9 462	9 507	9 945
Increase in stocks			
Private non-farm	3 483	2 771	1 091
Farm and public authorities	–902	–532	–2 501
Statistical discrepancy	2 203	361	4 373
Net lending to overseas	–24 404	–16 258	–13 776
<i>Gross accumulation</i>	78 306	86 628	94 721

Source: Australian National Accounts: National Income, Expenditure and Product (5204.0 and 5206.0).

**29.5 OVERSEAS TRANSACTIONS ACCOUNT—Annual**

	1994–95 \$m	1995–96 \$m	1996–97 \$m
Imports of goods and services	95 680	99 107	101 691
Interest, dividends, etc. to overseas	19 246	21 647	22 375
Labour income to overseas	389	458	539
Unrequited transfers to overseas	3 013	2 769	2 688
Net lending to overseas	–24 404	–16 258	–13 776
<i>Use of current receipts</i>	93 924	107 723	113 517
Exports of goods and services	87 090	98 528	104 601
Interest, dividends, etc. from overseas	3 258	4 793	4 110
Labour income from overseas	551	610	678
Extraordinary insurance claims from overseas	—	—	—
Unrequited transfers from overseas	3 025	3 792	4 128
<i>Current receipts from overseas</i>	93 924	107 723	113 517

Source: Australian National Accounts: National Income, Expenditure and Product (5204.0 and 5206.0).

**30.1 BALANCE OF PAYMENTS, Summary**

	1995-96 \$m	1996-97 \$m	1997-98 \$m
Current account	-21 802	-17 052	-23 941
<i>Goods and services</i>	-1 869	1 805	-4 418
Credits	99 039	105 360	114 024
Debits	-100 908	-103 555	-118 442
<i>Goods</i>	-1 583	1 496	-3 654
Credits	76 146	80 934	88 474
Debits	-77 729	-79 438	-92 128
<i>Services</i>	-286	309	-764
Credits	22 893	24 426	25 550
Debits	-23 179	-24 117	-26 314
<i>Income</i>	-19 907	-18 983	-19 567
Credits	7 162	8 622	10 059
Debits	-27 069	-27 605	-29 626
<i>Current transfers</i>	-26	126	44
Credits	3 212	3 377	3 592
Debits	-3 238	-3 251	-3 548

...continued



**30.1 BALANCE OF PAYMENTS, Summary—continued**

	1995–96 \$m	1996–97 \$m	1997–98 \$m
<b>Capital and financial account</b>	<b>21 914</b>	<b>18 567</b>	<b>22 253</b>
<i>Capital account</i>	1 074	1 318	1 121
Capital transfers	1 049	1 323	1 104
Credits	1 956	2 200	2 075
Debits	–907	–877	–971
Net acquisition/disposal of non-produced, non-financial assets	25	–5	17
<i>Financial account</i>	20 840	17 249	21 132
Direct investment	5 067	5 173	3 885
Abroad	–7 935	–5 830	–8 271
In Australia	13 002	11 003	12 156
Portfolio investment	25 661	13 378	21 680
Other investment	–9 071	3 922	–3 836
Reserve assets	–817	–5 224	–597
<b>Net errors and omissions</b>	<b>–112</b>	<b>–1 515</b>	<b>1 688</b>

Source: *Balance of Payments and International Investment Position, Australia* (5302.0).

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**30.2 INTERNATIONAL TRADE IN SERVICES**


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	1995-96 \$m	1996-97 \$m	1997-98 \$m
Credits			
Services credits	22 893	24 426	25 550
Transportation services	6 526	6 648	6 681
Passenger	5 305	5 697	5 675
Freight	1 221	951	1 006
Other	n.p.	n.p.	n.p.
Travel services	11 252	11 926	11 910
Business	798	665	678
Personal	10 454	11 261	11 232
Communications services	896	947	1 317
Construction services	66	70	52
Insurance services	748	820	872
Financial services	445	508	572
Computer and information services	217	277	503
Royalties and licence fees	329	348	396
Other business services	1 613	1 882	2 165
Merchanting and other trade-related	331	436	429
Operational leasing	7	10	9
Miscellaneous business, professional and technical	1 275	1 436	1 727
Personal, cultural and recreational services	248	440	529
Government services n.e.i.	553	560	553

...continued

**30.2 INTERNATIONAL TRADE IN SERVICES—continued**

	1995–96 \$m	1996–97 \$m	1997–98 \$m
Debits			
Services debits	<b>-23 179</b>	<b>-24 117</b>	<b>-26 314</b>
Transportation services	-8 488	-8 439	-8 973
Passenger	-2 928	-3 003	-3 148
Freight	-4 405	-4 373	-4 917
Other	-1 155	-1 063	-908
Travel services	-6 988	-7 769	-8 440
Business	-2 056	-2 286	-2 452
Personal	-4 932	-5 483	-5 988
Communications services	-1 060	-1 066	-1 291
Construction services	0	0	0
Insurance services	-1 068	-1 148	-1 196
Financial services	-298	-325	-340
Computer and information services	-203	-253	-345
Royalties and license fees	-1 304	-1 382	-1 459
Other business services	-2 646	-2 669	-3 017
Merchanting and other trade-related	-276	-362	-410
Operational leasing	-1 032	-814	-859
Miscellaneous business, professional and technical	-1 338	-1 493	-1 748
Personal, cultural and recreational services	-555	-547	-661
Government services n.e.i.	-569	-519	-592

Source: *Balance of Payments and International Investment Position, Australia* (5302.0).

### 30.3 INTERNATIONAL INVESTMENT POSITION

Net international investment position	Position at beginning of period \$m	Changes in position reflecting				Position at end of period \$m
		Transactions \$m	Price changes \$m	Exchange rate changes \$m	Other adjustments \$m	
Total						
1995-96	263 198	20 840	-339	-936	5 161	287 921
1996-97	287 921	17 249	13 332	-1 531	-5 327	311 642
1997-98	311 642	21 133	-6 170	-177	-2 125	324 301
Equity						
1995-96	76 885	9 889	-3 573	8 660	1 328	93 190
1996-97	93 190	3 169	9 998	-3 226	-4 967	98 163
1997-98	98 163	22 694	-6 391	-10 409	-1 773	102 284
Debt						
1995-96	186 313	10 951	3 234	-9 596	3 833	194 731
1996-97	194 731	14 080	3 335	1 695	-360	213 479
1997-98	213 479	-1 561	221	10 231	-349	222 017

Source: *Balance of Payments and International Investment Position, Australia* (5302.0).

**30.4 NET FOREIGN DEBT—At 30 June**

	1996 \$m	1997 \$m	1998 \$m
<b>Net foreign debt</b>	<b>194 731</b>	<b>213 479</b>	<b>222 017</b>
<i>Public sector</i>	68 528	66 993	52 845
General government	77 585	81 442	74 667
Financial corporations	-13 252	-18 598	-27 692
Reserve Bank	-18 392	-22 091	-23 950
Other financial corporations	5 140	3 493	-3 742
Non-financial corporations	4 195	4 149	5 870
<i>Private sector</i>	126 203	146 486	169 172
Financial corporations	78 303	98 989	115 982
Non-financial corporations	47 900	47 498	53 190

Source: *Balance of Payments and International Investment Position, Australia* (5302.0).

### 30.5 LEVELS OF AUSTRALIAN INVESTMENT ABROAD AND FOREIGN INVESTMENT IN AUSTRALIA—At 30 June

	1996 \$m	1997 \$m	1998 \$m
<b>Levels of Australian investment abroad</b>	<b>-171 031</b>	<b>-198 663</b>	<b>-237 951</b>
<i>Direct investment abroad(a)</i>	-57 569	-67 776	-81 915
Equity capital and reinvested earnings	-58 336	-68 172	-82 742
Other capital	766	396	827
Claims on affiliated enterprises	-3 548	-4 607	-3 374
Liabilities to affiliated enterprises	4 314	5 003	4 201
<i>Portfolio investment assets</i>	-57 516	-69 441	-80 711
Equity securities	-38 306	-47 980	-55 425
Debt securities	-19 210	-21 460	-25 287
<i>Other investment assets</i>	-36 887	-38 656	-49 878
Trade credits	-6 720	-7 089	-6 710
Loans and other assets	-24 667	-26 779	-36 787
Currency and deposits	-5 500	-4 788	-6 381
<i>Reserve assets</i>	-19 059	-22 790	-25 447

(a) Net direct investment abroad, after deduction of liabilities to direct investment enterprises abroad.

...continued

### 30.5 LEVELS OF AUSTRALIAN INVESTMENT ABROAD AND FOREIGN INVESTMENT IN AUSTRALIA—At 30 June—*continued*

	1996 \$m	1997 \$m	1998 \$m
<b>Levels of foreign investment in Australia</b>	<b>458 951</b>	<b>510 305</b>	<b>562 252</b>
<i>Direct investment in Australia(a)</i>	<i>136 834</i>	<i>151 125</i>	<i>162 734</i>
Equity capital and reinvested earnings	116 265	127 992	140 787
Other capital	20 569	23 133	21 947
Claims on direct investors	-3 057	-4 152	-5 236
Liabilities to direct investors	23 626	27 286	27 182
<i>Portfolio investment liabilities</i>	<i>262 287</i>	<i>295 816</i>	<i>327 531</i>
Equity securities	73 566	86 323	99 663
Debt securities	188 721	209 494	227 868
<i>Other investment liabilities</i>	<i>59 830</i>	<i>63 363</i>	<i>71 988</i>
Trade credits	7 620	4 434	4 961
Loans	31 756	34 213	35 691
Currency and deposits	20 157	21 850	28 506
Other liabilities	297	2 866	2 830

(a) Net direct investment in Australia, after deduction of claims of Australian direct investment enterprises on direct investors.

Source: *Balance of Payments and International Investment Position, Australia* (5302.0).

**30.6 MERCHANDISE EXPORTS AND IMPORTS, By Country**

	1995-96		1996-97		1997-98	
	Exports \$m	Imports \$m	Exports \$m	Imports \$m	Exports \$m	Imports \$m
Asia Pacific Economic Co-operation (APEC)						
Australia (Re-imports)	—	94	—	224	—	344
Brunei	77	—	59	—	52	5
Canada	1 267	1 557	1 178	1 265	1 282	1 450
Chile	156	122	174	89	178	81
China, People's Republic of	3 781	4 010	3 584	4 203	3 874	5 304
Hong Kong	3 052	970	3 105	900	4 138	1 031
Indonesia	2 716	1 522	3 305	1 864	2 751	2 869
Japan	16 429	10 816	15 377	10 241	17 583	12 663
Korea, Republic of	6 615	2 293	7 134	2 550	6 396	3 759
Malaysia	2 289	1 636	2 332	1 891	2 097	2 405
Mexico	99	169	122	176	216	270
New Zealand	5 609	3 591	6 214	3 685	5 662	3 723
Papua New Guinea	1 048	1 220	1 272	1 091	1 151	768
Philippines	1 075	260	1 226	282	1 165	418
Singapore	3 556	2 613	3 410	2 620	3 697	2 641
Taiwan	3 452	2 585	3 620	2 522	4 179	2 809
Thailand	1 779	1 005	1 693	1 201	1 390	1 475
United States of America	4 619	17 545	5 526	17 642	7 794	19 833
Total APEC	57 617	52 008	59 330	52 447	63 604	61 849

For footnotes see end of table.

...continued



**30.6 MERCHANDISE EXPORTS AND IMPORTS, By Country—continued**

	1995–96		1996–97		1997–98	
	Exports \$m	Imports \$m	Exports \$m	Imports \$m	Exports \$m	Imports \$m
European Union (EU)						
Austria	36	313	21	423	32	458
Belgium-Luxembourg	668	755	923	760	1 154	739
Denmark	117	336	100	383	205	399
Finland	335	684	303	606	295	686
France	727	1 867	799	1 980	864	2 030
Germany	1 152	4 862	1 058	4 558	1 236	5 209
Greece	34	78	39	95	61	91
Ireland	50	448	53	498	66	830
Italy	1 282	2 231	1 354	2 304	1 751	2 615
Netherlands	695	702	584	817	828	847
Portugal	48	94	32	106	31	121
Spain	292	519	328	458	514	652
Sweden	200	1 617	220	1 497	157	1 557
United Kingdom	2 829	4 882	2 357	5 182	3 039	5 595
Total EU	8 464	19 388	8 171	19 666	10 233	21 829
Total other countries	9 924	6 396	11 431	6 885	13 929	7 002
<b>Total</b>	<b>76 005</b>	<b>77 792</b>	<b>78 932</b>	<b>78 998</b>	<b>87 766</b>	<b>90 680</b>

Source: *International Trade database, August 1998.*

### 30.7 MERCHANDISE IMPORTS OF SELECTED MAJOR COMMODITIES—1997–98

Published major commodities	\$m	%
Aircraft and associated equipment; spacecraft (including satellites) and spacecraft launch vehicles; and parts thereof	1 516	1.7
Articles of apparel and clothing accessories	2 277	2.5
Automatic data processing machines and units thereof	4 346	4.8
Baby carriages, toys, games and sporting goods	1 068	1.2
Chemical materials and products, n.e.s.	1 135	1.3
Civil engineering and contractors' plant and equipment	1 226	1.4
Electrical machinery and apparatus, n.e.s.	1 416	1.6
Internal combustion piston engines, and parts thereof, n.e.s.	1 005	1.1
Iron and steel	1 621	1.8
Machinery and equipment specialised for particular industries and parts thereof	1 086	1.2
Measuring, checking, analysing and controlling instruments and apparatus, n.e.s.	1 524	1.7
Medical and pharmaceutical products	2 544	2.8
Motor vehicles for the transport of goods	2 035	2.2

For footnotes see end of table.

*...continued*

### 30.7 MERCHANDISE IMPORTS OF SELECTED MAJOR COMMODITIES—1997–98—*continued*

Published major commodities	\$m	%
Organic chemicals(a)	2 135	2.4
Paper, paperboard and articles of paper pulp, of paper or of paperboard(a)	1 991	2.2
Parts and accessories of motor vehicles and tractors, track-laying and wheeled	1 897	2.1
Parts and accessories for office and automatic data processing machines	2 234	2.5
Passenger motor vehicles (other than public transport type vehicles) including station wagons and racing cars	6 476	7.1
Petroleum oils and oils obtained from bituminous minerals, crude	3 319	3.7
Plastics in primary and non-primary forms(a)	1 813	2.0
Printed matter	969	1.1
Pumps, centrifuges, filtering or purifying apparatus and parts thereof	1 027	1.1
Telecommunication equipment, n.e.s. and parts, n.e.s. and accessories	2 743	3.0
<i>Total selected major commodities(a)</i>	<i>47 403</i>	<i>52.3</i>
<b>Total imports</b>	<b>90 680</b>	<b>100.0</b>

(a) Excludes commodities subject to a 'No commodity details' restriction.

Source: *International Trade database, August 1998.*

### 30.8 MERCHANDISE EXPORTS OF SELECTED MAJOR COMMODITIES—1997–98

Published major commodities	\$m	%
Alumina (aluminium oxide)	2 838	3.2
Aluminium	3 267	3.7
Cars and other road vehicles (incl. air-cushion vehicles)	1 729	2.0
Coal, whether or not pulverised but not agglomerated	9 558	10.9
Cotton (other than linters), not carded or combed	1 384	1.6
Gas, natural and manufactured	1 968	2.2
Gold, non-monetary (excl. gold ores and concentrates)	6 263	7.1
Iron and steel	1 859	2.1
Iron ore concentrates and agglomerates (excl. roasted iron pyrites)	3 791	4.3
Machinery specialised for particular industries	1 162	1.3
Meat of bovine animals fresh, chilled or frozen	2 700	3.1
Milk and cream and milk products other than butter or cheese	1 058	1.2
Office machines and automatic data processing machines	1 724	2.0
Petroleum oils and oils obtained from bituminous minerals, crude	1 973	2.2
Petroleum products	1 873	2.1
Power generating machinery and equipment	977	1.1
Wheat (incl. spelt) and meslin, unmilled	3 627	4.1
Wool, greasy (incl. fleece washed wool)	2 276	2.6
<i>Total selected major commodities(a)</i>	<i>50 027</i>	<i>57.0</i>
<b>Total exports</b>	<b>87 766</b>	<b>100.0</b>

(a) Excludes commodities subject to a 'No commodity details' restriction.

Source: *International Trade database, August 1998.*

**30.9 MERCHANDISE EXPORTS AND IMPORTS, By Industry of Origin**

Australian and New Zealand Industrial Classification	1995-96		1996-97		1997-98	
	Exports \$m	Imports \$m	Exports \$m	Imports \$m	Exports \$m	Imports \$m
Agriculture, forestry and fishing	9 135	796	10 776	741	10 392	851
Mining	16 476	3 198	17 937	4 210	21 454	3 723
Manufacturing	48 787	73 545	48 494	73 747	53 351	85 737
Other industries(a)	1 607	252	1 725	301	2 569	369
<b>Total</b>	<b>76 005</b>	<b>77 792</b>	<b>78 932</b>	<b>78 998</b>	<b>87 766</b>	<b>90 680</b>

(a) Includes commodities subject to a 'No commodity details' restriction.

Source: *International Trade database, August 1998.*

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Darwin	08 8943 2111	08 8981 1218

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